GENERAL BULLETIN 707—PENNSYLVANIA DEPARTMENT OF AGRICULTURE

VOL. 48 December, 1965 NO. 3

COMMERCIAL FEED, FERTILIZER and LIMING MATERIALS

Report for the year 1964-1965

TEXT OF NEW FEED AND FERTILIZER LAWS BEGINNING ON PAGE VII.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF AGRICULTURE
Bureau of Foods and Chemistry

Governor
WILLIAM W. SCRANTON

Secretary of Agriculture
LELAND H. BULL

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COVER—The main entrance to the Pennsylvania State Farm Products Show Building where the 50th Anniversary Show will be presented January 10-14, 1966. The theme of the 1966 Farm Show is "A Salute to Progress in Pennsylvania Agriculture."

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VOL. 48 December, 1965 NO. 3

COMMERCIAL FEED, FERTILIZER and LIMING MATERIALS

Reports for the period July 1, 1964 to June 30, 1965

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF AGRICULTURE
Bureau of Foods and Chemistry

Governor
WILLIAM W. SCRANTON

Secretary of Agriculture
LELAND H. BULL

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF AGRICULTURE
HARRISBURG

November 29, 1965

Hon. Leland H. Bull, Secretary
Pennsylvania Department of Agriculture

Dear Sir:

In compliance with provisions of various laws related to certain agricultural materials, there are submitted herewith the results of analyses of official samples of commercial feed, fertilizer, and liming materials taken during the period from July 1, 1964 to June 30, 1965.

The samples herein reported represent various lots of products offered for sale by the dealers of the Commonwealth. They were taken by official methods by agents of the Pennsylvania Department of Agriculture and were analyzed by methods of the Association of Official Agricultural Chemists. For the most part, the analyses were done in the new laboratory facilities.

The report also includes production, registration, and other information believed to be of value to those interested in the agricultural aspects of our Commonwealth.

Respectfully submitted,

Delmar K. Myers

Delmar K. Myers, Director
Bureau of Foods and Chemistry

PENNSYLVANIA FARM SHOW 50TH ANNIVERSARY
A SALUTE TO PROGRESS IN PENNSYLVANIA AGRICULTURE

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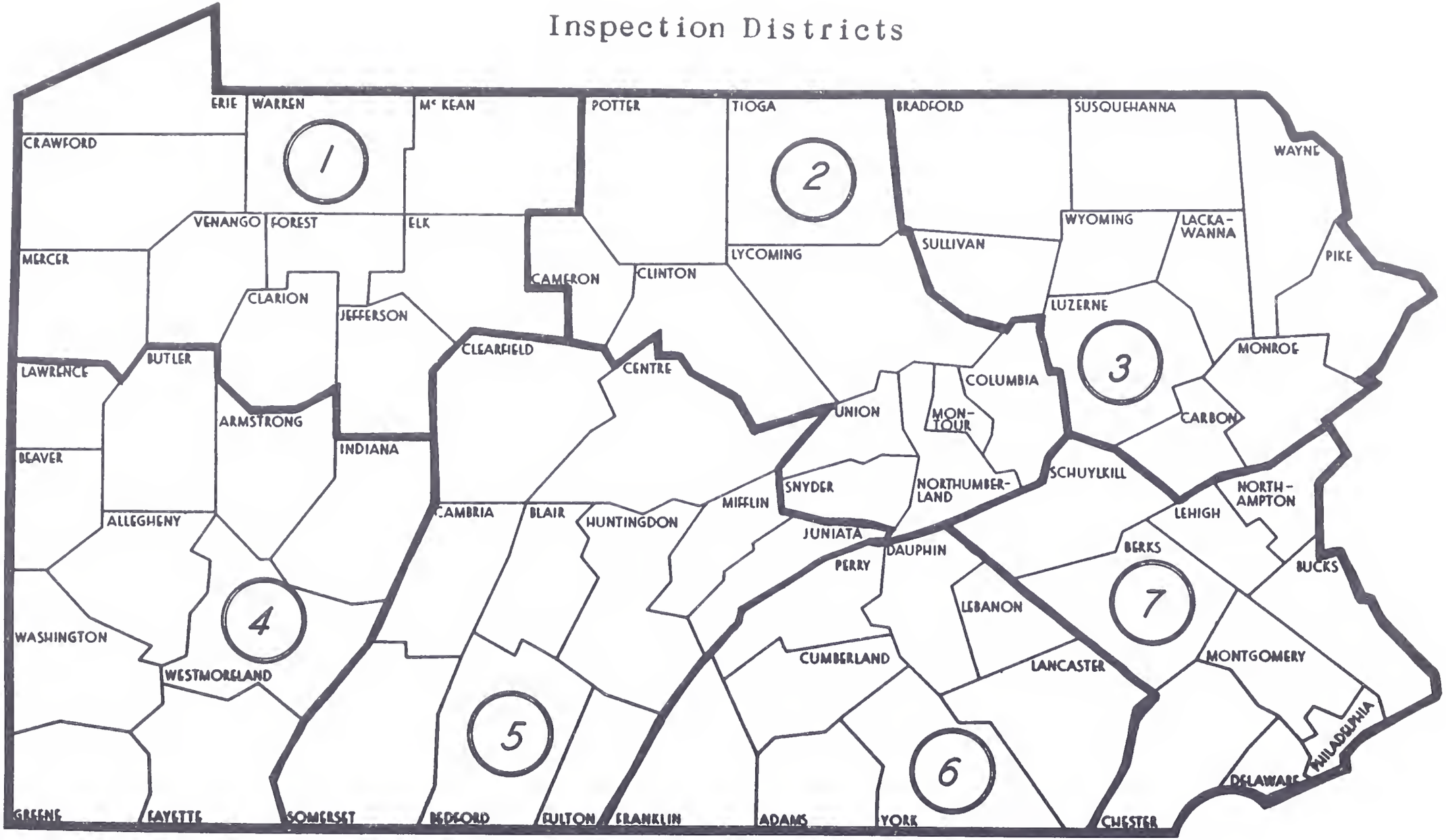

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COMMERCIAL FEED, FERTILIZER, AND LIMING MATERIALS REPORTS

INTRODUCTION

The Pennsylvania Department of Agriculture is required by law to make regular inspections of commercial feeds, fertilizers, and liming materials offered for sale within the Commonwealth. Results of the analytical work, which are an important part of the control program, for the period beginning July 1, 1964, and ending June 30, 1965, are summarized in this publication.

This report is not to be interpreted as an evaluation of feed formulas or feeding practices. Similarly the reports on fertilizer and lime are only an indication as to the agreement existing between the guarantee as stated and the actual amount of the guaranteed component found to be present. Inquiries as to the suitability of various agricultural commodities for a specific purpose should be directed to the College of Agriculture of The Pennsylvania State University or your local county agent.

Both the Pennsylvania Commercial Feed Law and the Pennsylvania Fertilizer Law have been recently amended and the complete text will be found elsewhere in this publication. They both follow closely the uniform Model Bills which were prepared by national committees consisting of experienced control officials and representatives of related industries. Modifications of the uniform proposals that better fit the needs of Pennsylvania agriculture have been made but the similarity with the laws of neighboring states is sufficient to avoid serious problems for the manufacturer engaged in interstate commerce.

During the period covered by this report a total of 4,795 official samples of commercial feed were secured and analyzed for their protein, fat, fiber, and level of medication, if any. The analytical work will continue at about this level but with increased emphasis on secondary guarantees such as calcium, phosphorus, Vitamin A, and other important nutrient materials.

A total of 1,635 samples of fertilizer were analyzed during the same period. It is anticipated that the slight increase in the number of samples taken annually will continue. Furthermore, checking fertilizer samples for secondary elements is being programmed at the present time.

The number of liming material samples taken during the inspection period was 252, and this represents a substantial increase over previous years.

The new laws are an assurance of a better enforcement program and of greater service to the farmer and the manufacturer. Samples are taken on a year-round basis, subject only to seasonal limitations. The control program has two basic purposes. First, to assure the farmer of quality products and, secondly, to make certain that manufacturers compete fairly with one another. Only the fact that the vast majority of manufacturers conduct their businesses at a highly ethical level insures the program of any degree of success.

During the inspection period a total of 883 samples of feeds, guaranteed to contain a specific level of medication, were collected as a part of the feed control program. Of these, 861 (97.5%) were analyzed for their drug content and, for the most part, (88%) were found to be substantially in keeping with the declared guarantee. Those for which the guarantee was not reasonably well met were, for the most part, (8.1%) below the declared level. Very few feeds (1.3%) were found to contain excessively high amounts of drugs. A number of samples (2.6%) were found to contain no drug, although the drug was declared to be present and it is believed that our recently initiated program which is coordinated with the Good Manufacturing Practices of the Food and Drug Administration will substantially reduce those instances where the manufacturer has inadvertently forgotten to add the drug to the feed.

The use of medication in feeds is not a substitute for sound management and sanitation in the production of meat, milk, and eggs. Neglect of good management principles can overcome all the benefits gained by the use of medicated feeds. Advances in animal nutrition have been remarkable in the past several years. The one-time philosophy based solely on protein, fat, and fiber has been replaced with a feeding program that includes the use of vitamins, minerals, antibiotics, hormones, and other medicaments. These newcomers to the field of animal nutrition require surveillance, as while they are often present in minute amounts, they must be uniformly dispersed through the feed in order to do satisfactorily the job for which they are intended.

At the present time the record of this laboratory is second to none among state feed control laboratories in the assaying of drugs, and we hope to maintain this enviable position.

It is thought that the modern laboratory facilities now being used in the new State Agriculture Building will enable the Division of Feed and Fertilizer to increase its effectiveness in the field of consumer protection to the agricultural interests of Pennsylvania.

Harrisburg, Pa.
November 29, 1965

PENNSYLVANIA FEED LAW

Act of September 1, 1965, Act 221

Regulating the distribution of commercial feeds and customer-formula feeds in the Commonwealth of Pennsylvania; conferring powers and imposing duties on the Department of Agriculture; and prescribing penalties.

The General Assembly of the Commonwealth of Pennsylvania hereby enacts as follows:

Section 1. Short Title.--This act shall be known and may be cited as the "Pennsylvania Commercial Feed Law of 1966."

Section 2. Enforcing Official.--This act shall be administered by the Secretary of Agriculture of Pennsylvania hereinafter referred to as the "secretary."

Section 3. Definitions of Words and Terms.--When used in this act:

(1) The term "person" includes individual, partnership, corporation and association.
(2) The term "distribute" means to offer for sale, sell or barter commercial feed or customer-formula feeds; or to supply, furnish or otherwise provide commercial feed or customer-formula feed to a contract feeder; the term "distributor" means any person who distributes.
(3) The term "sell" or "sale" includes exchange.
(4) The term "commercial feed" means all materials which are distributed for use as feed or for mixing in feed, for animals other than man except: (i) unmixed whole seeds or grains and meals made directly from the entire seeds, (ii) unground hay, straw, stover, silage, cobs, husks and hulls when not mixed with other materials, (iii) individual chemical compounds when not mixed with other materials.
(5) The term "customer-formula feed" means a mixture of commercial feeds and/or materials, each batch of which mixture is mixed according to the specific instructions of the final purchaser, or contract feeder.
(6) The term "feed ingredient" means each of the constituent materials making up a commercial feed.
(7) The term "mineral feed" shall mean a substance or mixture of substances designed or intended to supply primarily mineral elements or inorganic nutrients.
(8) The term "brand name" means any word, name, symbol, or device, or any combination thereof, identifying the commercial feed of a distributor and distinguishing it from that of others.
(9) The term "product name" means the name of the Commercial feed which identifies it as to kind, class or specific use.

(10) The term "label" means a display of written, printed, or graphic matter upon or affixed to the container in which a commercial feed is distributed, or on the invoice or delivery slip with which a commercial feed or customer-formula feed is distributed.

(11) The term "ton" means a net weight of two thousand pounds avoirdupois.

(12) The terms "per cent" or "percentage" mean percentage by weight.

(13) The term "official sample" means any sample of feed taken by the secretary or his agent and designated as "official" by the secretary.

(14) The term "contract feeder" means a person who, as an independent contractor, feeds commercial feed to animals pursuant to a contract whereby such commercial feed is supplied, furnished, or otherwise provided to such person and whereby such person's remuneration is determined all or in part by feed consumption, mortality, profits, or amount or quality of product.

(15) The term "facility" means each separate mill or plant, fixed or mobile.

Section 4. Registration.--(a) Every facility engaged in the manufacture of commercial feed or customer-formula feed to be distributed in Pennsylvania shall on January 1 of each year, or prior to manufacture or distribution of such feed, register each such facility on a form furnished by the secretary, the application to be accompanied by a fee of ten dollars ($10). Upon approval by the secretary, a copy of the registration shall be furnished to the applicant and displayed in the facility.

(b) The secretary is empowered to refuse the registration of any facility not in compliance with the provisions of this act or to cancel the registration of any facility subsequently found not to be in compliance with any provision of this act: Provided, however, That no registration shall be refused or cancelled until the registrant shall have been given opportunity to be heard before the secretary.

Section 5. Labeling.--(a) Any commercial feed distributed in this Commonwealth shall be accompanied by a legible label bearing the following information:

(1) The net weight.

(2) The product name and brand name, if any, under which the commercial feed is distributed.

(3) The guaranteed analysis of the commercial feed, listing the minimum percentage of crude protein, minimum percentage of crude fat, and maximum percentage of crude fiber. For all mineral feeds and for those commercial feeds containing a level of added mineral ingredients established by regulation, the list shall include the following, if added: minimum and maximum percentages of calcium (Ca), minimum percentage of phosphorus (P), minimum percentage of iodine (I), and minimum and maximum percentages of salt (NaCl). Other substances or elements,

determinable by laboratory methods, may be guaranteed by permission of the secretary. When any items are guaranteed, they shall be subject to inspection and analysis in accordance with the methods and regulations that may be prescribed by the secretary. The secretary may by regulation designate certain commercial feeds which need not be labeled to show guarantees for crude protein, crude fat and crude fiber.

(4) The common or usual name of each ingredient used in the manufacture of the commercial feed, except as the secretary may, by regulation, permit the use of a collective term for a group of ingredients all of which perform the same function. An ingredient statement is not required for single standardized ingredient feeds which are officially defined.

(5) The name and principal address of the person responsible for distributing the commercial feed.

(b) When a commercial feed is distributed in this Commonwealth in bags or other containers, the label shall be placed on or affixed to the container. When a commercial feed is distributed in bulk the label shall accompany delivery and be furnished to the purchaser at time of delivery.

(C) A customer-formula feed shall be labeled by invoice. The invoice, which is to accompany delivery and be supplied to the purchaser at the time of delivery, shall bear the following information:

(1) Name and address of the mixer.

(2) Name and address of the purchaser.

(3) Date of sale.

(4) The product name and brand name, if any, and number of pounds of each commercial feed used in the mixture and the name and number of pounds of each other feed ingredient added.

(d) If a commercial feed or a customer-formula feed contains a non-nutritive substance which is intended for use in the diagnosis, cure, mitigation, treatment, or prevention of disease or parasites or which is intended to affect the structure or any function of the animal body, the secretary may require the label to show the amount present, directions for use, and/or warnings against misuse of the feed.

Section 6. Inspection Fees.--(a) There shall be paid to the secretary for all commercial feeds distributed in this Commonwealth an inspection fee at the rate of five cents (5c) per ton annually: Provided, however, That customer-formula feeds are hereby exempted And, provided further, That distribution of commercial feeds to manufacturers are hereby exempted if the commercial feeds so distributed are used solely in the manufacture of feeds: And, provided further, That the distribution of single feed ingredients is hereby exempted: And, provided further, That the distribution of commercial feeds by a manufacturer to his contract feeder is hereby exempted. However, in no case shall the inspection fee paid annually amount to less than one dollar ($1). Fees so collected as well as moneys derived from registration and fines shall be placed in a fund to be administered by the secretary and shall be used solely for the cost of inspection, sampling and analysis and other expenses necessary for the administration of this act and acts specified by the General Assembly. Such funds shall be known as the Feed

and Fertilizer Fund. The secretary, having determined after a public hearing following notice to the registrants that moneys derived from the registration and inspection fees are either greater or less than that required to administer this act, is hereby authorized and empowered to reduce or increase the inspection fee so as to maintain revenues sufficient to administer this act, but such revenues shall not exceed one hundred twenty-five thousand dollars ($125,000) for any one year.

(B) EVERY PERSON, EXCEPT AS HEREINAFTER PROVIDED, WHO DISTRIBUTES COMMERCIAL FEED IN THIS COMMONWEALTH SHALL:

(1) File, not later than the last day of January of each year, an annual statement, under oath, setting forth the number of net tons of commercial feeds distributed in this Commonwealth during the preceding calendar year; and upon filing such statement shall pay the inspection fee at the rate stated in subsection (a) of this section or, in lieu thereof, at the rate established by the secretary by regulation promulgated under subsection (a) of this section. When more than one person is involved in the distribution of a commercial feed, the person who distributes to the consumer is responsible for reporting the tonnage and paying the inspection fee unless the report and payment have been made by a prior distributor of the feed.

(2) Keep such records as may be necessary or required by the secretary to indicate accurately the tonnage of commercial feed distributed in this Commonwealth, and the secretary shall have the right to examine such records to verify statements of tonnage.

(c) Failure to make an accurate statement of tonnage or to pay the inspection fee or comply as provided herein shall constitute sufficient cause for the cancellation of the registration on file for the distributor.

Section 7. Adulteration.--No person shall distribute an adulterated feed. A commercial feed or customer-formula feed shall be deemed to be adulterated:

(1) If any poisonous, deleterious, or nonnutritive ingredient has been added in sufficient amount to render it injurious to health when fed in accordance with directions for use on the label.

(2) If any valuable constituent has been in whole or in part omitted or abstracted therefrom or any less valuable substance substituted therefor.

(3) If its composition or quality falls below or differs from that which it is purported or is represented to possess by its labeling.

(4) If it contains added hulls, screenings, straw, cobs, or other high fiber material unless the name of each such material is stated on the label.

(5) If it contains viable weed seeds in amounts exceeding the limits which the secretary shall establish by rule or regulation.

Section 8. Misbranding.--No person shall distribute misbranded feed. A commercial feed or customer-formula feed shall be deemed to be misbranded:

(1) If its labeling is false or misleading in any particular.

(2) If it is distributed under the name of another feed.

(3) If it is not labeled as required in section 5 of this act and in regulations prescribed under this act.

(4) If it purports to be or is represented as a feed ingredient, or if it purports to contain or is represented as containing a feed ingredient, unless such feed ingredient conforms to the definition of identity, if any, prescribed by regulation of the secretary; in the adopting of such regulations the secretary shall give due regard to commonly accepted definitions such as those issued by the Association of American Feed Control Officials.

(5) If any word, statement, or other information required by or under authority of this act to appear on the label or labeling is not prominently placed thereon with such conspicuousness (as compared with other words, statements, designs, or devices, in the labeling) and in such terms as to render it likely to be read and understood by the ordinary individual under CUSTOMARY conditions of purchase and use.

Section 9. Inspection, Sampling, Analysis.--(a) It shall be the duty of the secretary, who may act through his authorized agent, to sample, inspect, make analyses of, and test commercial feeds and customer-formula feeds distributed within this Commonwealth at such time and place to such an extent as he may deem necessary to determine whether such feeds are in compliance with the provisions of this act. The secretary individually or through his agent, is authorized to enter upon any public or private premises including any vehicle of transport during regular business hours in order to have access to commercial feeds and customer-formula feeds and to records relating to their distribution.

(b) The methods of sampling and analysis shall be those adopted by the secretary from sources such as the Journal of the Association of Official Agriculture Chemists.

(c) The secretary, in determining for administrative purposes whether a commercial feed is deficient in any component, shall be guided solely by the official sample as defined in clause (13) of section 3 and obtained and analyzed as provided for in subsection (b) of this section.

(d) When the inspection and analysis of an official sample indicates a commercial feed has been adulterated or misbranded, the results of analysis shall be forwarded by the secretary to the distributor and the purchaser. Upon request within thirty days, the secretary shall furnish to the distributor a portion of the sample concerned.

Section 10. Rules and Regulations.--The secretary is hereby charged with the enforcement of this act and after due publicity and due public hearing is empowered to promulgate and adopt such reasonable rules and regulations as may be necessary in order to secure the efficient administration of this act.

Publicity concerning the public hearing shall be reasonably calculated to give interested parties adequate notice and adequate opportunity to be heard.

Section 11. Detained Commercial Feeds.--(a) "Withdrawal from Distribution" orders. When the secretary or his authorized agent has reasonable cause to believe any lot of commercial feed is being distributed in violation of any of the provisions of this act or of any of the prescribed regulations under this act, he may issue and enforce a written or printed "withdrawal from distribution" order, warning the distributor not to dispose of the lot of feed in any manner until written permission is given by the secretary or a court of competent JURISDICTION. The secretary shall release the lot of commercial feed so withdrawn when said provisions and regulations have been complied with. If compliance is not obtained within thirty days, the secretary may begin, or upon request of the distributor shall begin, proceedings for condemnation.

(b) Condemnation and Confiscation. Any lot of commercial feed not in compliance with the provisions and regulations shall be subject to seizure on complaint of the secretary to a court of competent jurisdiction in the area in which said commercial feed is located. In the event the court finds the said commercial feed to be in violation of this act and orders the condemnation of said commercial feed, it shall be disposed of in any manner consistent with the quality of the commercial feed and the laws of the Commonwealth: Provided, That in no instance shall the disposition of said commercial feed be ordered by the court without first giving the claimant an opportunity to apply to the court for release of said commercial feed or for permission to process or relabel said commercial feed to bring it into compliance with this act.

Section 12. Penalties.--(a) Any person convicted of violating any of the provisions of this act or the rules and regulations issued thereunder or who shall impede, obstruct, hinder, or otherwise prevent or attempt to prevent said secretary or his duly authorized agent in performance of his duty in connection with the provisions of this act, shall be adjudged guilty of a misdemeanor and shall be fined not less than fifty dollars ($50) or more than one hundred dollars ($100) for the first violation, and not less than five hundred dollars ($500) or more than one thousand dollars ($1,000) for a subsequent violation in any one year. In all prosecutions under this act involving the composition of a lot of commercial feed, a certified copy of the official analysis signed by the secretary shall be accepted as prima facie evidence of the composition.

(b) Nothing in this act shall be construed as requiring the secretary or his representative to report for prosecution or for the institution of seizure proceedings as a result of minor violations of the act when he believes that the public interest will be best served by a suitable notice of warning in writing.

(c) It shall be the duty of each district attorney to whom any violation is reported to cause appropriate proceedings to be instituted and prosecuted in a court of competent jurisdiction

without delay. Before the secretary reports a violation for such prosecution, an opportunity shall be given the distributor to present his view to the secretary.

(d) The secretary is hereby authorized to apply for and the court to grant a temporary or permanent injunction restraining any person from violating or continuing to violate any of the provisions of this act or any rule or regulation promulgated under the act notwithstanding the existence of other remedies at law. Such injunction to be issued without bond.

(e) Any person adversely affected by an act, order or ruling made pursuant to the provisions of this act may within forty-five days thereafter bring action in the Court of Common Pleas of Dauphin County for new trial of the issues bearing upon such act, order or ruling, and upon such trial the court may issue and enforce such orders, judgments or decrees as the court may deem proper, just and equitable.

Section 13. Publications.--The secretary shall publish at least annually, in such forms as he may deem proper, information concerning the sales of commercial feeds, together with such data on their production and use as he may consider advisable, and a report of the results of the analyses of official samples of commercial feeds sold within the State as compared with the analyses guaranteed in the registration and on the label: Provided, however, That the information concerning production and use of commercial feeds shall not disclose the operations of any person.

Section 14. Constitutionality.--If any clause, sentence, paragraph, or part of this act shall for any reason be judged invalid by any court of competent jurisdiction, such judgement shall not affect, impair, or invalidate the remainder thereof but shall be confined in its operation to the clause, sentence, paragraph, or part thereof directly involved in the controversy in which such judgment shall have been rendered.

Section 15. Repeals--The act of July 17, 1935 (P. L. 1166), entitled "An act requiring the licensing of portable grinding mills by the respective counties; fixing fees therefor; and prescribing penalties," and the act of May 29, 1956 (P. L. 1788), entitled "An act to regulate the sale and distribution of commercial feeds in the Commonwealth of Pennsylvania; conferring powers and imposing duties on the Department of Agriculture; and prescribing penalties," are repealed.

Section 16. Effective Date.--This act shall take effect January 1, 1966.

PENNSYLVANIA FERTILIZER LAW

Act of May 29, 1956, P.L. 1795, As Amended

Regulating the sale and distribution of mixed fertilizers and fertilizer materials; imposing powers and duties on the Secretary of Agriculture and prescribing penalties, providing for permanent registration of brands and grades of commercial fertilizers; providing for licensing of persons who manufacture or mix certain fertilizers; labeling of fertilizers and inspection fees; and providing for cancellation of distributors' licenses.

The General Assembly of the Commonwealth of Pennsylvania hereby enacts as follows:

Section 1. Short Title.--This act shall be known and may be cited as the "Pennsylvania Fertilizer Law of 1956."

Definitions

Section 2. Definitions.--As used in this act:

(1) "Fertilizer material" means any substance containing nitrogen, phosphoric acid, potash or any recognized plant nutrient, element or compound which is used or sold for its plant nutrient content, or claimed plant nutrients, or for compounding mixed fertilizers except unmanipulated animal and vegetable manures.

(2) "Mixed fertilizer" includes any combination or mixture of fertilizer materials designed for use or claimed to have value in promoting plant growth.

(3) "Commercial fertilizer" includes mixed fertilizer or fertilizer materials.

(4) "Speciality fertilizer" includes any fertilizer distributed primarily for use on crops grown for noncommercial purposes such as home gardens and lawns, and may include fertilizers used for research or experimental purposes.

(5) "Bulk fertilizer" includes commercial fertilizer delivered to the purchaser in the solid or liquid state, in a nonpackaged form to which a label cannot be attached.

(6) "Brand" includes any term, design or trade mark used in connection with one or several grades of fertilizer.

(7) "Grade" means the minimum percentage of total nitrogen, available phosphoric acid, and soluble potash stated in the order given in this definition, and, when applied to mixed fertilizer, shall be in whole numbers only.

(8) "Official sample" means any sample of commercial fertilizer taken by the secretary.

(9) "Secretary" includes the Secretary of Agriculture or his duly authorized deputy, agent or representative.

(10) "Ton" means a net weight of two thousand pounds avoirdupois.

(11) "Percent" or "Percentage" means the percentage by weight.

(12) "Distributor" includes any person who offers for sale, sells, barters, or otherwise supplies commercial fertilizers.

(13) "Sell" or "Sale" includes exchange.

Section 3. Registration.--(a) Each brand and grade of commercial fertilizer shall be registered by the manufacturer or importer with the Department of Agriculture before being offered for sale, sold or distributed in this State. The application for registration shall be submitted to the secretary on forms furnished by the secretary and shall be accompanied by a fee of fifteen dollars ($15) per brand. The secretary may require a sample label to be submitted before registering any fertilizer. Upon approval by the Secretary, a copy of the registration shall be furnished to the applicant. All registrations shall expire on June 30 of each year, unless the secretary is notified on a yearly basis by the registrant on forms furnished by the secretary, listing the brands and grades the registrant wants continued and intends to continue selling in the next twelve month period. Those registered as of June 30, 1965 shall be considered to be permanently registered. The application shall include the following information in the following order:

(1) The name and address of the person guaranteeing the fertilizer.

(2) The brand and grade.

(3) The guaranteed analysis showing the minimum percentage of plant food claimed in the following order and form:

Total Nitrogen . . . . . percent
Available Phosphoric Acid . . . . . percent
Soluble Potash . . . . . percent

Unacidulated mineral phosphatic materials and basic slag shall be guaranteed as to both total and available phosphoric acid, and the degree of fineness. In the case of bone, tankage, and other natural organic phosphate materials, only the total phosphoric acid, need be guaranteed. Additional plant food elements, determinable by chemical methods, may be guaranteed only by permission of the secretary, by and with the advice of the Director of Agricultural Experiment Station. When any such additional plant foods are claimed, they shall be included in the guarantee, and shall be subject to inspection and analysis in accordance with the methods and regulations that may be prescribed by the secretary. The secretary may permit the potential basicity or acidity (expressed in terms of calcium carbonate equivalent in multiples of one hundred per ton) to be registered and guaranteed.

(b) A distributor shall not be required to register any brand of commercial fertilizer which is already registered under this act by another person.

(c) The plant nutrient content of each and every brand of commercial fertilizer must remain uniform for the period of registration, and, in no case, even at a subsequent registration, shall the percentage of any guaranteed plant food element be changed in such a manner that the crop-producing quality of the commercial fertilizer is lowered.

(d) Any person who manufactures, mixes or mixes to customer's order any commercial fertilizer material offered for sale, sold or distributed, in Pennsylvania must first obtain a license from the Secretary of Agriculture.

(e) Said licensee shall at all times produce an intimate and uniform mixture of commercial fertilizer materials. When two or more fertilizer materials are delivered in the same load, they shall be intimately and uniformly mixed unless they are in separate compartments.

(f) Any person who mixed to the customer's order must furnish to the purchaser and consumer an invoice or delivery ticket showing:

(1) The name and address of the person guaranteeing the fertilizer;

(2) The weight and guaranteed analysis of each of the fertilizer materials used in the intimate mixture or delivered in each of the separate compartments in the load; and

(3) The guaranteed analysis of the mixture as required in section 3 (a) (3) above.

(g) Any licensee required to be licensed in subsection (d) hereof, who sells only registered grades, shall pay a ten dollar ($10) license fee as well as a registration fee for grades not previously registered, and all other licensees shall pay a twenty dollar ($20) license fee. Said license fee shall be paid annually on July 1.

Section 4. Labeling.--(a) Any commercial fertilizer offered for sale or sold or distributed in this State in bags, barrels, or other containers, shall have placed on or affixed to the container in written or printed form the net weight and the information required by clauses (1), (2) and (3) of subsection (a) of section 3, either (1) on tags affixed to the end of the package between the ears or on the sewed end, or (2) directly on the package in which case, for bags containing fifty pounds or more, the grade shall appear also on the end or on the face of the package in type that is plainly legible.

(b) If distributed in bulk, a written or printed statement of the weight and the information required by clauses (1), (2) and (3) of subsection (a) of section 3; shall accompany delivery and be supplied to the purchaser.

(c) Fertilizer materials mixed to customer's order shall be labeled in accordance with subsection (f) of section 3.

Section 5. Inspection Fees; Reports.--(a) There shall be paid to the secretary for all commercial fertilizers offered for sale, sold or distributed in this State an inspection fee at the rate of eight cents ($.08) per ton or at a rate to be determined by the Secretary of Agriculture, which is adequate for the payment of the costs of inspection, sampling and analysis, and other expenses necessary for the administration of this act. The maximum rate, as determined by the secretary, shall not exceed ten cents ($.10) per ton. Inspection fees shall not be paid for sales to manufacturers or exchanges between them. Fees so collected shall be placed in a fund for the payment of the costs of inspection, sampling, and analysis, and other expenses necessary for the administration of this act and other acts specified by the General Assembly. Said fund shall be known as The Feed and Fertilizer Fund.

On packages of commercial fertilizer sold only in containers of ten pounds or less, there shall be paid, in lieu of the inspection fee of eight cents ($.08) per ton, an inspection fee of ten dolloars ($10) for each brand or grade. When a person sells fertilizer in packages of ten pounds or less, and also in packages over ten pounds, the rate shall be that of the inspection fee.

(b) Payment of the inspection fee shall be evidenced by a statement of commercial fertilizer distributed, together with documents showing that fees corresponding to the tonnage were received by the secretary.

(c) Every manufacturer or importer of commercial fertilizer in this state selling to a nonregistrant shall file, in a manner prescribed by the Secretary of Agriculture, not later than the last day of January and July of each year, a semi-annual statement, setting forth the number of net tons of commercial fertilizer distributed in this State during the preceding six-months period and, upon filing such statement, shall pay the inspection fee at the rate stated in subsection (a) of this section.

Section 6. Inspection, Sampling, Analysis.--(a) It shall be the duty of the secretary to sample, inspect, make analysis of, and test commercial fertilizers distributed within this State at times and places and to such an extent as he may deem necessary to determine whether such commercial fertilizers are in compliance with the provisions of this act. The secretary may enter upon any public or private premises during regular business hours in order to have access to commercial fertilizers subject to the provisions of this act and the rules and regulations pertaining thereto.

(b) The methods of sampling, inspection and analysis shall be those adopted in accordance with rules and regulations promulgated by the Secretary of Agriculture. Such rules and regulations shall establish minimum standards for such sampling, inspection and analysis as well as the procedure and methods to be used in making them.

(c) The secretary, in determining for administrative purposes whether any commercial fertilizer is deficient in plant food, shall be guided solely by the official sample as defined in clause (8) of section 2, and obtained and analyzed as provided for in subsection (b) of section 6.

(d) The results of official analysis of any commercial fertilizer which has been found to be subject to penalty or other legal action shall be forwarded by the secretary to the registrant at least thirty days before the report is submitted to the purchaser. If during that period no adequate evidence to the contrary is made available to the secretary, the report shall become official. Upon request, the secretary shall furnish to the registrant a portion of any sample found subject to penalty or other legal action.

Section 7. Plant Nutrient Deficiency.--(a) If the analysis shows that any commercial fertilizer falls short of the guaranteed

analysis in any one ingredient, a penalty shall be assessed by the secretary against the manufacturer in accordance with the following:

(1) Total Nitrogen. A penalty of three times the value of the deficiency, if such deficiency is in excess of two-tenths of one percent on goods that are guaranteed two percent; twenty-five one-hundredths of one percent on goods that are guaranteed three percent; thirty-five one-hundredths of one percent on goods that are guaranteed four percent; four-tenths of one percent on goods that are guaranteed five percent up to and including eight percent; five-tenths of one percent on goods guaranteed above eight percent up to and including thirty percent; and seventy-five one-hundredths of one percent on goods guaranteed over thirty percent.

(2) Available Phosphoric Acid. A penalty of three times the value of the deficiency, if such deficiency exceeds four-tenths of one percent on goods that are guaranteed up to and including ten percent; five-tenths of one percent on goods that are guaranteed above ten percent up to and including twenty-five percent; and seventy-five one-hundredths of one percent on goods guaranteed over twenty-five percent.

(3) Soluble Potash. A penalty of three times the value of the deficiency, if such deficiency is in excess of two-tenths of one percent on goods that are guaranteed two percent; three-tenths of one percent on goods that are guaranteed three percent; four-tenths of one percent on goods guaranteed four percent; five-tenths of one percent on goods guaranteed above four percent up to and including eight percent, six-tenths of one percent on goods guaranteed above eight percent up to and including twenty percent; and one percent on goods guaranteed over twenty percent.

(4) Deficiencies in any other constituent, except those covered under this section, which the registrant is required to or may guarantee shall be evaluated by the secretary and penalties therefor shall be prescribed by the secretary.

(b) All penalties assessed under this section shall be paid to the purchaser of the lot of commercial fertilizer represented by the sample analyzed within three months after the date of notice from the secretary to the registrant and receipts evidencing payment shall be promptly forwarded to the secretary by the registrant. If said purchaser cannot be found, the amount of the penalty shall be paid to the State Treasurer who shall deposit the same into the General Fund.

Section 8. Commercial Value.--For the purpose of determining the commercial values to be applied under the provisions of Section 7, the secretary shall determine and publish, annually, the values per pound of nitrogen, phosphoric acid, and potash in commercial fertilizer in this State. The values so determined and published shall be used in determining and assessing penalties.

Section 9. Minimum Plant Nutrient Content.--No superphosphate containing less than eighteen percent available phosphoric acid, and soluble potash totals less than twenty percent shall be

distributed in this state, except for complete fertilizers containing twenty-five percent or more of their nitrogen in water-insoluble form of plant or animal origin, in which case the total nitrogen, available phosphoric acid, and soluble potash shall not total less than eighteen percent. The provisions of this section shall not apply to specialty fertilizers nor to any fertilizer materials in which the sources of nitrogen, available phosphoric acid and soluble potash are derived solely from organic materials.

Section 10. False or Misleading Statements.--A commercial fertilizer is misbranded, if it carries any false or misleading statement upon or attached to the container, or if false or misleading statements concerning its agricultural value are made on the container, or in any advertising matter accompanying or associated with the commercial fertilizer. It shall be unlawful to distribute a misbranded commercial fertilizer.

Section 11. Each person registering commercial fertilizers under this act shall furnish the secretary with a confidential written statement of the tonnage by counties, of each grade of commercial fertilizer sold by him to a nonregistrant in this State. The statement shall include all sales for the periods of July 1 to and including December 31 and of January 1 to and including June 30 of each year. A statement shall not be required when the reporting system in subsection (c) of section 5 is used. The secretary may, in his discretion, cancel the registration of any person failing to comply with this section if the above statement is not made within thirty days from the date of the close of each period. The secretary, however, may grant a reasonable extension of time. No information furnished under this section shall be disclosed in such a way as to divulge the operation of any person. The secretary or his authorized representative shall have authority to examine the manufacturer's records and verify the tonnages of commercial fertilizer manufactured, stored or sold or handled.

Section 12. Publications.--The secretary shall publish at least annually in such forms as he may deem proper, information concerning the sales of commercial fertilizers, together with such data on their production and use as he may consider advisable, and a report of the results of the analysis based on official samples of commercial fertilizers sold within the State as compared with the analyses guaranteed under sections 3 and 4. The information concerning production and use of commercial fertilizers shall be shown separately for the periods July 1 to December 31 and January 1 to June 30 of each year, and that no disclosure shall be made of the operations of any person.

Section 13. Rules and Regulations.--The secretary is authorized to prescribe and, after public hearing following due public notice, to enforce such rules and regulations relating to the distribution of commercial fertilizer as he may find necessary to carry into effect the provisions of this act.

Section 14. Short Weight.--If any lot of commercial fertilizer in the possession of the purchaser is found by the secretary to be short in weight, the registrant of said commercial fertilizer shall, within thirty days after official notice from the secretary, pay to the purchaser a penalty equal to twice the value of the actual shortage.

Section 15. Cancellation of Licenses and/or Registration.--The secretary is authorized and empowered to cancel the license of any distributor or the registration of any brand of commercial fertilizer or to refuse to register any brand of commercial fertilizer as herein provided, upon satisfactory evidence that the registrant has used fraudulent or deceptive practices in the evasions or attempted evasions of the provisions of this act or any rules and regulations promulgated thereunder. No license or registration shall be revoked or refused until the licensee or the registrant has been given the opportunity to appear for a hearing by the secretary.

Section 16. "Stop Sale" Orders.--The secretary may issue and enforce a written or printed "stop sale, use, or removal" order to the owner or custodian of any lot of commercial fertilizer and to hold at a designated place when the secretary finds the commercial fertilizer is being offered or exposed for sale in violation of any of the provisions of this act. The order shall be effective until the law has been complied with and the commercial fertilizer is released in writing by the secretary or the violation has been otherwise legally disposed of by written authority. The secretary shall release the commercial fertilizer so withdrawn when the requirements of the provisions of this act have been complied with and all costs and expenses incurred in connection with the withdrawal have been paid.

Section 17. Seizure, Condemnation and Sale--Any lot of commercial fertilizer not in compliance with the provisions of this act shall be subject to seizure on complaint of the secretary to a court of competent jurisdiction in the area in which the commercial fertilizer is located. In the event the court finds the commercial fertilizer to be in violation of this act and orders the condemnation of the commercial fertilizer, it shall be disposed of in any manner consistent with the quality of the commercial fertilizer and the laws of the State, but in no instance shall the disposition of the commercial fertilizer be ordered by the court without first

giving the claimant an opportunity to apply to the court for release of the commercial fertilizer or for permission to process or relabel the commercial fertilizer to bring it into compliance with this act.

Section 18. Penalties.--Any person who violates any of the provisions of this act or any rule, regulation or order made pursuant to this act shall, for the first or second offense, upon conviction thereof in a summary proceeding, be sentenced to pay a fine of not less than fifty dollars ($50) nor more than one hundred dollars ($100) and costs of prosecution and, in default of payment thereof, shall be sentenced to undergo imprisonment for not more than thirty days, and for a third or subsequent offense, if three offenses including the last offense are committed within one year, shall be guilty of a misdemeanor, and shall, upon conviction thereof, be sentenced to pay a fine of not less than five hundred dollars ($500) nor more than one thousand dollars ($1000) or to undergo imprisonment not exceeding one year, or both.

Section 19. Exchange Between Manufacturers--Nothing in this act shall be construed to restrict or avoid sales or exchanges of commercial fertilizers to each other by importers, manufacturers, or manipulators who mix fertilizer materials for sale or as preventing the free and unrestricted shipments of commercial fertilizers to manufacturers or manipulators who have registered their brands as required by the provisions of this act.

Section 20. Appeals.--Any action of the secretary with respect to the registration of brands or the assessment of penalties shall be subject to appeal and review in accordance with the provisions of the act of June 4, 1945 (P. L. 1388), known as the "Administrative Agency Law."

Section 21. Repeal.--The act of May 1, 1909 (P. L. 344), entitled "An act to regulate the manufacture and sale of commercial fertilizer; prescribing penalties for its violation, and repealing an act, entitled 'An act to regulate the manufacture and sale of commercial fertilizer; providing for its enforcement, and prescribing penalties for its violation,' approved the twenty-fifth day of March, Anno Domini one thousand nine hundred and one," is repealed.

Section 22. Effective Date.--This act shall take effect July 1, 1956, but the registrations of fertilizers registered prior thereto shall not expire until June 30, 1957. Statements shall be filed and payments made for the period from January 1, 1956, in accordance with the provisions of subsection (c) of section 5 of this act.

Section 23. Violations Committed Prior to the Effective Date of this act.--The provisions of this act shall not apply to violations committed prior to its effective date, but the violations shall be prosecuted and prosecutions concluded under the provisions of law in force at the time the violation occurred. For such purpose the laws repealed by this act shall be deemed to remain in effect.

RECOMMENDATIONS FOR REGISTRATION AND PREPARATION OF LABELS FOR MEDICATED FEEDS

A Medicated Feed is any feed which contains drug ingredients intended or represented for the cure, mitigation, treatment, or prevention of diseases of animals other than man or which contains drug ingredients intended to affect the structure or any function of the body of animals other than man.

Antibiotics included in a feed at growth promotion and/or feed efficiency levels are drug additives and feeds containing such antibiotics are included in the foregoing definition of "Medicated Feed."

All feeds containing drugs must be labeled as medicated feeds using labeling format as in the following recommendation for Type B labels, except that feeds containing antibiotics at growth promotion and/or feed efficiency levels only shall use the Type A labeling format.

Federal Regulations require all firms adding drugs for any purpose to animal feeds to be registered with the U.S. Dept. of Health, Education and Welfare, Food and Drug Administration.

A. Information Required on the Label. In addition to the information required for non-medicated feeds, medicated feeds are required to carry the following information in their labeling; (a) the purpose of the medication; (b) directions for use of the feed; (c) the names of all active drug ingredients; (d) the amounts of all active drug ingredients except for feeds covered by the Type A label where a declaration of amount is optional; (e) a warning or caution statement for a withdrawal period when required for the particular drug contained in the feed, and (f) warnings against misuse. It is suggested that the label include this information in the following form:

1. Net Weight.
2. Brand name or trade name.
3. Product name (may include brand name) and for Type B labels the word "medicated."
4. Purpose (statement of the purpose of the medication and reference to directions for use).
5. Active drug ingredients (list of common names, not trade names) and percentage present, for each drug. All products which contain less than 2,000 grams (total) of antibiotics per ton are to be expressed in grams per ton, and all products which contain 2,000 grams or more are to be expressed in grams per pound. The term "milligrams per pound" will be permitted on the label only in those cases where a dosage is given as "milligrams per day" in the feeding directions.
6. Guaranteed analysis of the feed.
7. Feed ingredients (common name of each).
8. Name and address of manufacturer or registrant.

9. Detailed feeding directions (to be displayed prominently on either front or reverse side of the label). A check list follows:
   a. Purpose (if necessary to clarify or amplify the above statement).
   b. When to feed (specific period necessary for effective use).
   c. How to feed, or mix for feeding (feeding method to be followed, i.e., free choice, sole ration, intermittent feeding, etc.; mixing directions for premixes, etc., should give proper level of medication for purpose intended).
   d. Precautions (statement of precautions where misuse of the product may be injurious to animals or man).
   e. Warning statement (a withdrawal period may be required for safety). (With a mixture of drugs, use the longest period.)
   f. Other feeds (reference may be made to other feeds which have a part in a feeding program for the animal).

Required Warning Statements

These statements should be separated from other printed directions for use and should be of such label prominence as to be easily read and understood.

1. Acetylaminonitrothiazole for Poultry.
   Warning--Discontinue use at least 1 week before slaughtering birds for food to permit elimination of the drug from food.
2. Aminonitrothiazole (2-Amino-5-Nitrothiazole for Poultry.
   Warning--Discontinue use at least 1 week before slaughtering birds for food to permit elimination of the drug fron the feed.
3. Amprolium in Finished Chicken and Turkey Feeds.
   Warning--Do not feed to laying birds.
4. Anthelmintics (except Piperazine).
   Warning--Consult veterinarians before using in severely debilitated animals.
   Phenothiazine.
   Warning--Milk from dairy animals which have been treated with phenothiazine should nit be used for food for four days following treatment. Individual animals are occasionally sensitive to phenothiazine.
   Cadmium Oxide and Cadmium Anthranilate.
   Warning--Treated hogs must not be slaughtered for food for at least 30 days following treatment to permit elimination of cadmium residues from food.
5. Arsenicals (3-nitro-4-hydroxyphenyl arsonic acid, arsanilic acid, 4-nitrophenylarsonic acid, sodium arsanilate, and arsenosobenzene) for Poultry and Swine.
   Warning--Discontinue use at least 5 days before slaughtering animals for food consumption to permit elimination of the drug from the food.

6. Bithionol and Methiotriazamine in Chicken Feed.
Warning--Not to be fed to laying hens. Do not feed within 5 days of slaughter.
7. Chlortetracycline for Beef Cattle.
The following warning is required on preparations fed at a level of 350 grams/head/day and above of chlortetracycline:
Warning--Not to be administered within 48 hours of slaughter.
8. Dienestrol Diacetate for Poultry.
Warning--Discontinue use at least 48 hours before slaughtering birds for food to permit elimination of the drug from the food.
9. Diethylstilbestrol in Feed for Beef Cattle and Sheep.
Warning--Not to be fed to breeding or dairy animals. Discontinue at least 48 hours before slaughter.
10. Diethylcarbamazine for Dogs.
Warning--To be used only when infestation by large round-worms (ascarids) is suspected or known to be present.
11. Glycarbylamide for Poultry.
Warning--Do not feed to laying hens in production. Discontinue use at least 4 days before slaughtering birds for food to permit elimination of the drug from the food.
12. Hygromycin B for Swine.
Warning--Discontinue use 48 hours before the treated swine are slaughtered for human consumption.
13. Nicarbazin for Poultry.
Warning--Do not feed to laying hens in production. Discontinue use at least 4 days before slaughtering birds for food to permit elimination of the drug from the food.
14. Nihydrazone in Chicken Feed.
Warning--Poultry that have survived salmonella outbreak should not be kept for lay house replacements or breeders unless tests show that they are not carriers. Not to be fed to laying chickens. For broiler replacement chickens not over 14 weeks of age.
15. Nithiazide for Poultry.
Warning--Do not feed to laying hens. Discontinue use at least 24 hours before slaughtering birds for food to permit elimination of the drug from the food.
16. Novobiocin in Turkey Feeds.
Warning--May be fed to turkeys for a treatment period of 5 to 7 days. Treatment period may be repeated at a later date if necessary. Discontinue use 3 days before treated animals are slaughtered for human consumption.
17. Nystatin for Turkeys.
Warning--If used in laying hens, eggs are to be used for hatching purposes only.
18. Oleandomycin for Chickens and Turkeys.
Warning--When feed is represented for an aid in stimulating growth and improving feed efficiency, the label must show "not to be fed to laying hens."

19. Promazine hydrochloride in cattle (excepting lactating dairy animals) and horses.
Warning--For use in cattle, except lactating dairy animals, and horses. Withdraw 72 hours prior to slaughter.

20. Ronnel for Beef Cattle and Dairy Heifers.
Warning--Do not feed to sick animals or animals under stress, such as those just shipped, dehorned, castrated, or weaned. Do not feed to cows producing milk for human consumption. To be used as the sole source of Ronnel.

Treatment Period	Withdrawal Period for Dairy Heifers Before Calving	Withdrawal Period Before Slaughter
75 days	21 days	21 days
14 days	28 days	28 days
7 days	60 days	60 days

21. 3,5-Dinitrobenzamide for Poultry.
Warning--Do not feed to laying hens. Discontinue use 48 hours before the treated animals are slaughtered for human consumption.

22. Zoalene for Chickens and Turkeys.
Warning--Not to feed to laying hens.

NOTE: If a drug is represented for prevention or treatment of Salmonellosis, the following statement is required: "Warning: Poultry that have survived salmonella outbreaks should not be kept for laying house replacements or breeders unless tests show that they are not carriers."

B. Types of Labels. Labels for medicated complete feeds fall into two different types, as follows (sample formats are shown beginning on page 14).

Type A is to be used for Feeds containing antibiotics only (no other drugs) at the accepted levels for growth promotion and/or feed efficiency as set forth in Food Additive Regulation 121.225. The Following features should be noted:

1. The word "Medicated" should not be used on this label.
2. The statement of purpose should follow the product name, i.e., "For growth promotion and improving feed efficiency when fed as directed."
3. The antibiotic (s) must be declared as Active Drug Ingredient (s).
4. Quantitative guarantee of the antibiotic (s) is required on the labeling of the antibiotic additive, combination of additives, and any intermediate premix, concentrate, or supplement. Adequate mixing directions to provide a finished feed with the proper concentration of the antibiotic additive (s) are also required. Labels for feeds containing growth promotion and/or feed efficiency levels of antibiotics, which are to be fed continuously as a

sole ration, are not required, at the present time, to make quantitative guarantees, except as specifically indicated in certain instances in the Federal Additive Regulations for certain antibiotics, such as Tylosin, Oleandomycin, and Nystatin, wherein quantitative guarantees are required regardless of the level or purpose of the antibiotic.

5. Directions for use should be indicated.

Type B is to be used for all medicated feeds which contain drugs for specific purposes, such as: Prevention of diseases, treatment of diseases, aid in control of diseases, hormone action, worming, etc. It is also to be used for certain non-antibiotic drugs added for growth stimulation and feed efficiency purposes (i.e., organic arsenicals). The following features should be noted:

1. The word "Medicated" shall appear directly following and below the product name, in type-size no smaller than one-half the type-size of the product name.
2. The purpose statement shall appear below the term "Medicated." It should be as precise and simple as that stated in the antibiotic and food additive regulations.
3. Active drug ingredients are to be guaranteed in the usual manner. Note that the hormone percentage need not be stated in the product name but may appear only as a regular active drug ingredient guarantee.
4. Directions for use should be precise and simple. They may be stated on the back of the label providing there is a reference to them on the front of the label, such as "See back of label for direction for use." Alternatively, the purpose statement may be concluded by the phrase, "when fed in accordance with directions for use as stated on back of label."
   Required warning statements must be conspicuously displayed on the label and preceded by the appropriate word, i.e., "Warning," "Caution," "Important," etc. as consistent with existing federal regulations.

C. Submitting Copy for Registration. It is suggested that typed copy of proposed labeling for medicated feeds be submitted to State and Federal officials for comment before the copy is sent to the printer. This may save the cost of printing unacceptable labels.

Because drugs in feeds may result in tissue residues of the animals which consume the medicated feed, the assay of animal feeds is highly important along with warning statements indicating specific withdrawal time of medicated feeds. No drug or combination of drugs in feeds for animals should be submitted for registration unless a collaboratively tested method for the analysis of the drug in feeds of the type to be used is also submitted.

Code designations of numbers and/or letters may be used in the product name on the label as an aid to identification, but printing in the margin (side-bar labeling) is discouraged. Two-digit numbers should not be used in such code designation, and the code chosen should in no way mislead or confuse the customer. Code designations should not include letters which represent abbreviations of drugs, vitamins or other components of the feed since this may emphasize certain ingredients more than others

"Clutter" items which take up space on the label without providing information to the customer should be avoided. Such items include trade names and trade marks of ingredient suppliers, side-bar labeling, over-printing, date processing numbers of component abbreviations, etc.

D. Customer Formula Feeds Containing Drugs. Such feeds are medicated feeds and the mixer's invoice, which must accompany each and every customer formula feed mix, must include all the information required in the labeling of a commercial feed as it refers to medicated labeling. The invoice, which must accompany delivery of the customer mix, requires the following general information:

1. Name and address of mixer.
2. Name and address of purchaser (or customer).
3. Date of sale or delivery.
4. The product name and brand name, if any, and the number of pounds of each registered commercial feed used in the mixture and the name and number of pounds of each other feed ingredient added.
5. When drug-containing premixes, concentrates, or feed rations are used in the customer formula mix, the invoice must, in addition, state the following information: (a) the specific amount (using recommended units for guarantee) of the active drug ingredient in the final complete mix, (b) the purpose for adding the active drug ingredient (s) in each specific case (medicated claim), (c) specific warning, precaution, or discontinuance statements as required for the drug (s) indicated, and (d) such feeding directions as may be necessary if the feed is intended for use on a limited or intermittent feeding basis.

If one of the drugs to be used in the customer formula mix is intended to perform a purpose which has not been cleared under Federal Regulations, the mixer may be required to apply for a New Drug Application or an Antibiotic Form 10 before he can manufacture the specific mix. If the medicated feed used in the mix can legally be obtained or purchased by the farm feeder, then the custom mixer can legally use the medicated feed, provided the customer formula or specifications are in accordance with the directions for mixing and use as stated on the label of the medicated feed. The custom mixer can do for a farmer any mixing job which the farmer can legally do for himself. It should be noted, however, that the above applies to customer formula mixing operations.

If the same mixer provides a feed product for commercial distribution, using the same medicated feed, it may be necessary then for him to obtain a New Drug Application, a Supplemental New Drug Application clearance, or an Antibiotic Form 10 clearance in accordance with Federal Regulations before he can offer his own commercial feed for general distribution.

E. Sample Labels. Examples of the types of labels are shown just below. The drugs listed on these labels were selected only for illustrative purposes, and it is not intended to imply that they are preferred over other drugs which may be used for the same purpose.

100 lbs. Net Weight

BLUE BIRD
CHICK GROWER

For growth stimulation and feed efficiency when fed as directed.

ACTIVE DRUG INGREDIENTS:

PENICILLIN (from procaine penicillin) *

BACITRACIN (from manganese bacitracin) *

GUARANTEED ANALYSIS:

CRUDE PROTEIN, not less than 17.0%

CRUDE FAT, not less than 3.0%

CRUDE FIBER, not more than .. 6.0%

INGREDIENTS:

Each ingredient must be specifically named (unless stated as such in the guaranteed analysis listing) in accordance with the names and definitions adopted by the AAFCO.

DIRECTIONS FOR USE:

To be fed as a sole ration for growing poultry.

MANUFACTURED BY

BLUE BIRD FEED MILLS

Robin, Indiana

Type A Label

100 LBS. NET WEIGHT

BLUE BIRD
CHICK STARTER 3218

MEDICATED

To aid in preventing outbreaks of coccidiosis. Follow feeding directions and warning statement on back of this label.

Active Drug Ingredient(s)

Nicarbazin _____ 0.0125%

Guaranteed Analysis

Crude Protein, not less than _____ 20.0%
Crude Fat, not less than _____ 4.0%
Crude Fiber, not more than _____ 3.0%

INGREDIENTS

Each ingredient must be specifically named (unless stated as such in the guaranteed analysis listing) in accordance with the names and definitions adopted by the AAFCO.

Manufactured by

BLUE BIRD FEED MILLS

Robin, Indiana

Type B Label

* Quantitative declaration (gms/T) optional.

GOOD MANUFACTURING PRACTICES

The Food and Drug Administration guidelines on "Good Manufacturing Practices" for the production of medicated animal feeds have focused attention on the practices of the feed industry. Their purpose is to prevent the manufacture of contaminated feeds which might result in harmful effects to form animals or permit a carryover of drugs to the finished carcass or animal products. Adherence to these will result in feeds that have been processed and packaged in such a manner so as to assure their safety and efficacy.

The twenty-four "key points" are for use as a guide to determine if a plant or facility is following "good manufacturing practices."

KEY POINTS IN FDA GOOD MANUFACTURING PRACTICES REGULATIONS

BUILDINGS	1.	Good housekeeping-building should be clean and orderly.
	2.	Design and layout should minimize possibility of mix-ups in drugs, feeds, or labels and prevent contamination of drugs, ingredients, or feeds.
	3.	Insecticides, fungicides and rodenticides should not be stored in areas where medicated feed ingredients or drugs are stored or mixed.
EQUIPMENT	4.	Good housekeeping-equipment should be maintained in a clean and orderly manner.
	5.	Design, size, and installation should be suitable for production of medicated feeds.
PERSONNEL	6.	Key employees shall have sufficient training and experience to properly manufacture and label medicated feeds.
FEED INGREDIENTS	7.	Drugs should be handled and stored so as to maintain identity and purity. Receiving and inventory records are necessary.
	8.	Non-drug ingredients should be handled and stored to avoid contamination.
RECORDS	9.	Feed formula records shall be prepared and retained for one year.
	10.	Production records shall be prepared and retained for one year.
	11.	Customer-formula information shall be recorded and retained for one year.
FEED MANUFACTURING	12.	Each step should be checked to obtain and maintain desired distribution and concentration of drugs and ingredients in the finished feed.

15. Equipment shall be cleaned and inspected whenever necessary to prevent unsafe contamination.

16. Sampling and assay must be:
    (1) in accord with NDA or Form 10 clearance, or
    (2) in accord with current regulations.

17. Provision shall be made to withhold feed from distribution when it does not meet specifications.

PACKAGING-LABELING

18. Provision shall be made for correct identification and labeling of medicated feeds.

19. Complete labeling shall accompany bulk medicated feeds.

20. Provide a system of storing and handling labels to avoid possible label mix-ups.

LABORATORY CONTROLS

21. Establish specifications and test procedures to insure that medicated feeds conform to established standards.

22. Maintain a record of assay results, including state feed control analyses, for at least one year after date of shipment.

DISTRIBUTION RECORDS

23. Maintain records of each shipment of medicated feed so that recall, diversion, or destruction may be accomplished if necessary.

COMPLAINT FILES

24. Records of complaints and action taken shall be retained for two years.

PUBLICATIONS OF INTEREST

For information regarding the labeling of feeds and a complete list of all recognized definitions and terms, every feed manufacturer should have a copy of the Annual Publication of the Association of American Feed Control Officials, Inc. The Current (1966) edition of this informative and helpful publication is priced at $5.00 per copy. Orders should be sent to:

Marvin H. Snyder
Agricultural Laboratories
Capitol Building
Charleston, West Virginia

A similiar publication relating to fertilizers prepared by the American Association of Fertilizer Control Officials may be obtained, for $4.00 per copy, from:

Bruce D. Cloaninger
Drawer 392
Clemson, South Carolina

TABLE-1

FEED INGREDIENT ANALYSES

This chart does not give actual or average figures for feed ingredients, but values that are "safe" for use in calculating the guaranteed analysis of mixed feeds. The protein and fat percentages are a little less than the actual average value and the fiber percentages given are just a little more than the actual average value.

The Pennsylvania Commercial Feed Law requires each sale of feed stuffs to be guaranteed as to its composition. The guaranteed analysis should be on each bag or on the invoice in the case of bulk delivery. The manufacturers guarantees should more closely give the true values for that particular shipment.

	Ingredient	Crude Protein %	Crude Fat %	Crude Fiber %
1.	Alfalfa Leaf Meal	20.0	2.0	18.0
2.	Barley	11.0	2.0	6.0
3.	Beet Pulp (Dried)	9.0	1.0	19.0
4.	Blood Meal	80.0	1.0	1.0
5.	Brewers Dried Grains	24.0	6.0	15.0
6.	Brewers Dried Yeast	45.0	2.5	1.0
7.	Buckwheat	10.0	2.0	10.0
8.	Buttermilk (Dried)	32.0	5.0	0.0
9.	Citrus Pulp (Dried)	6.0	3.0	18.0
10.	Corn (Yellow)	8.0	3.5	3.0
11.	Corn and Cob Meal	7.0	3.0	8.0
12.	Corn Gluten Feed	23.0	2.5	8.0
13.	Cottonseed Oil Meal (Solvent)	41.0	2.0	13.0
14.	Cottonseed Oil Meal	41.0	4.0	13.0
15.	Distillers Dried Solubles, Corn	25.0	3.0	4.0
16.	Fish Meal (Menhaden)	60.0	7.0	1.0
17.	Fish Solubles, 50% Solids	32.0	3.0	0.0
18.	Hominy Feed	10.0	5.0	5.0
19.	Linseed Oil Meal (Solvent)	34.0	1.0	8.0
20.	Meat and Bone Scraps 45%	45.0	9.0	2.0
21.	Molasses, Cane	3.0	0.0	0.0
22.	Oats	11.0	4.0	11.0
23.	Oat Hulls	2.0	1.0	36.0
24.	Peanut Oil Meal (Solvent)	50.0	1.0	11.0
25.	Rye	12.0	1.0	2.0
26.	Skim Milk (Dried)	34.0	1.0	0.0
27.	Soybean Oil Meal (Expeller)	42.0	4.0	6.0
28.	Soybean Oil Meal (Solvent)	45.0	0.5	6.0
29.	Tankage (50%)	50.0	6.0	3.0
30.	Wheat	12.0	2.0	3.0
31.	Wheat Bran	13.0	4.0	10.0
32.	Wheat, Flour Middlings	15.0	4.5	6.0
33.	Wheat, Germ Meal	26.0	8.0	3.0
34.	Wheat, Red Dog	16.0	3.5	3.0
35.	Wheat, Standard Middlings	14.0	4.5	8.0
36.	Whey, Dried	12.0	0.5	0.0

TABLE - 2

CALCULATION OF THE ANALYSIS OF A FEED MIXTURE

The approximate chemical analysis for any mixture may be calculated by using figures for the average composition of ingredients in the following manner.

On page xxxi will be found a table listing the ingredients most commonly used and their average composition.

Calculating the Per Cent in the Mix

1. List the ingredients and the pounds of each used in the mix.
2. Obtain from the guarantee on the bags or from Table 1, the percentages of protein, fat and fiber and list them opposite the ingredients as in Table 2.
3. Multiply the percent of protein, fat and fiber of each ingredient by the number of pounds of each ingredient. This gives the pounds of protein, fat and fiber in the given weight of each ingredient.
4. Add the pounds of protein, fat and fiber in all ingredients. Divide each of these totals by totals by total pounds of ingredients in the feed and multiply by 100. This gives the percentage of crude protein, crude fat and crude fiber in the ration.

Note: Minerals may be calculated in the same way.

Ingredients	Pounds of Ingredients	Crude Protein		Crude Fat		Crude Fiber	
		%	Lbs.	%	Lbs.	%	Lbs.
Ground Corn	1000	8.0	80.0	3.5	35.0	3.0	30.0
Ground Oats	500	11.0	55.0	4.0	40.0	11.0	55.0
Wheat Bran	230	13.0	29.9	4.0	9.2	10.0	23.0
Soybean Oil Meal (Solvent)	250	45.0	112.5	0.5	12.5	6.0	15.0
Salt	20	0.0	0.0	0.0	0.0	0.0	0.0
Total Pounds	2000	----	277.4	----	96.7	----	123.0
Percent in Mix	----	----	13.7	----	4.83	----	6.15

Calculating the Per Cent

$$\frac{277}{2000} \times 100 = 13.8\% \text{ Crude Protein}$$

$$\frac{96.7}{2000} \times 100 = 4.83\% \text{ Crude Fat}$$

$$\frac{123}{2000} \times 100 = 6.15\% \text{ Crude Fiber}$$

SPECIALITY FERTILIZER LABELING

The following information is to appear on the container in a readable form and in a conspicuous place. If it does not appear on the face or display side, it shall occupy at least the upper third of a side of the container.

The label itself is to be in the following order and form:

Line No.

1. Net Weight
2a Brand Name
2b Grade
3. Guaranteed Analysis
4. Total Nitrogen---------- _____%
5. _____% Ammoniacal Nitrogen**
6. _____% Nitrate Nitrogen**
7. _____% Water Insoluble Nitrogen*
8. Available Phosphoric Acid (P_2O_5)---------- _____%
9. _____% Total Phosphoric Acid (P_2O_5)** _____%
10. Soluble Potash (K_2O)---------- _____%
11. Additional Plant Nutrients, if claimed and in order and with minimum percentage as in the AAFCO Publication #15 dated October, 1961.
12. **Potential Acidity or Basicity _____% or _____ lbs. of Calcium Carbonate Equivalent per ton.
13. Name and address of registrant.

Notes:

*If claimed or the statement "organic" or "slow acting nitrogen" is used on the label.

**If claimed or required (Required for unacidulated mineral phosphatic materials and basic slag).

ADDITIONAL PLANT NUTRIENTS

The Bureau of Foods and Chemistry of the Pennsylvania Department of Agriculture actively supports the Association of American Fertilizer Control Officials. Therefore, we propose to formally promulgate the following of their recommendations as our regulations.

ADDITIONAL PLANT NUTRIENTS, besides nitrogen, phosphorus, and potassium, when mentioned or claimed on the label or container, shall be registered and shall be guaranteed. Guarantees shall be made on the elemental basis. Sources of the elements guaranteed shall be shown on the application for registration. When claims for such nutrients are made on the label, container, or application for registration the minimum percentages which will be accepted for registration are as follows:

Element	%
Calcium (Ca)	1.00
Magnesium (Mg)	0.50
Sulfur (S)	1.00
Boron (B)	0.02
Chlorine (Cl)	0.10
Cobalt (Co)	0.0005
Copper (Cu)	0.05
Iron (Fe)	0.10
Manganese (Mn)	0.05
Molybdenum (Mo)	0.0005
Sodium (Na)	0.10
Zinc (Zn)	0.05

Guarantees or claims for the above-listed additional plant nutrients are the only ones which will be accepted. Proposed label and directions for use of the fertilizer shall be furnished with the application for registration upon request. Warning or caution statements are required on the label for any product which contains 0.03% or more of boron in a water soluble form or 0.001% or more of molybdenum. Any of the above listed elements which are guaranteed shall appear in the order listed, immediately following guarantees for primary nutrients, nitrogen, phosphorus, and potassium.

Effective: July 1, 1963

ON THE USE OF LIME

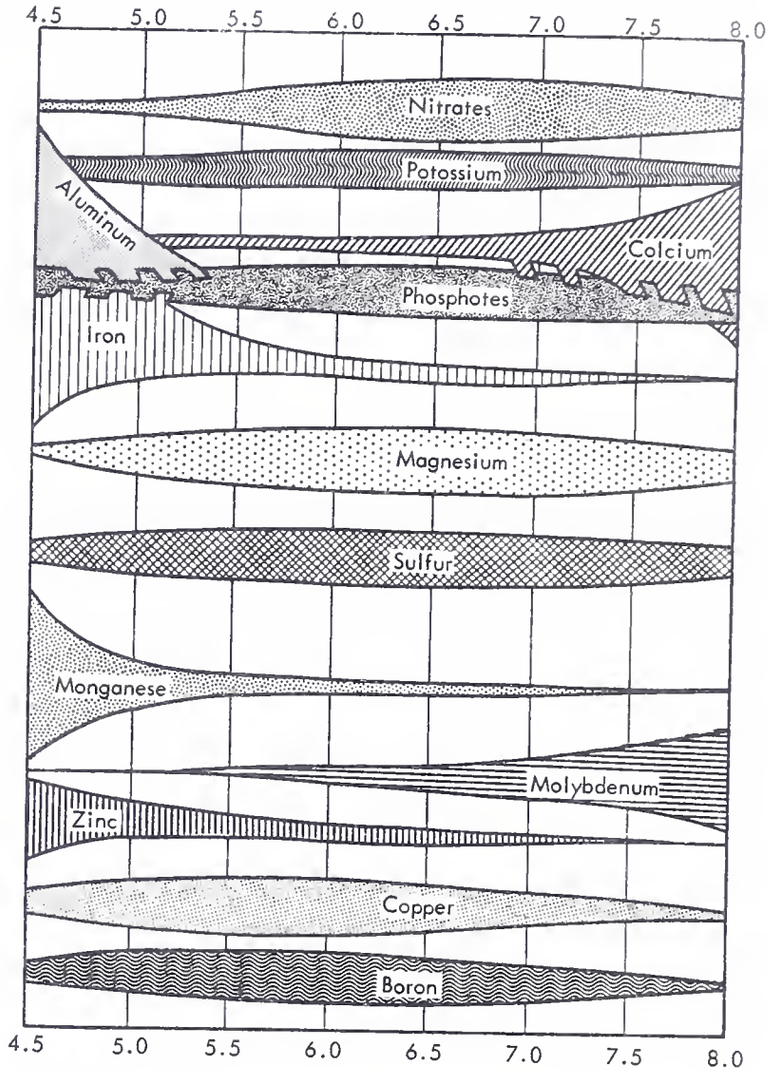
Soil Acidity is limiting field crop production on many Pennsylvania farms and fields more than the shortage of nitrogen, phosphorus and potassium. Many farmers are not getting the full benefit of the fertility that is already in the soil or the greatest returns possible on the fertilizers they apply because soil acidity is the first limiting factor. Farmers sometimes apply fertilizers, but their crops do not show the response they expected and, in a few cases, crop yields have been reduced by the use of fertilizers. Their first thought is that something was wrong with the fertilizers, but a soil test has shown that acidity was the culprit. Therefore, the application of limestone, if it is needed, should be the first step in soil fertility programs.

What are the benefits from applying limestone on acid soils? The most widely recognized benefit from applying limestone is to adjust soil acidity to a level that is desirable for efficient crop production. However, this "desirable" level of acidity results in three other benefits that are not so widely recognized. They are:

1. Making the plant nutrients-nitrogen, phosphorus and potassium-that are already in the soil or are applied in fertilizers more available for crop use.
2. Making the toxic substances such as aluminum and manganese less soluble and thus reducing the amounts of these in the soil solution (soil water) to a level where they are not injurious to growing plants.
3. Adding calcium and mangnesium to the soil. Both of these are essential for good plant growth.

The chart illustrates the solubility or availability of some of the plant nutrients in a soil at varying degrees of acidity (soil pH).

Relationship of Plant Nutrient Availability to Soil pH



This chart shows how soil pH influences the availability of nutrients to the growing plants. At low pH, for example, harmful amounts of manganese and aluminum are available to crops. Also, phosphorus availability is reduced because relatively insoluble compounds of iron and aluminum phosphates are formed at pH levels less than 5.5. At high pH levels, the phosphorus reacts with calcium thus reducing the amount of available phosphorus. Therefore the best pH level for most field crops is from 6.5 to 7.0.

COMMERCIAL FEED ANALYSES

KEY

F - Found to be present.
G - Guaranteed to be present.
* - Differs significantly from guarantee.
# - Not registered when sampled.
M - Misbranded.
O - Contained undeclared drug.
+ - Drug level, when checked, agreed substantially with guarantee.
1 - Differs significantly from guarantee for Arsanilic Acid.*
2 - Differs significantly from guarantee for Enheptin.*
3 - Differs significantly from guarantee for Furazolidone.*
4 - Differs significantly from guarantee for Nicarbazin.*
5 - Differs significantly from guarantee for Nitrofurazone.*
6 - Differs significantly from guarantee for Nitrophenide.*
7 - Differs significantly from guarantee for 3-Nitro-4-Hydroxyphenyl-arsonic Acid.*
8 - Differs significantly from guarantee for 4-Nitrophenylarsonic Acid.
9 - Differs significantly from guarantee for Sodium Arsanilate.*
10 - Differs significantly from guarantee for Sulfaquinoxaline.*
11 - Differs significantly from guarantee for Acetyl-(para-nitrophenyl)-Sulfanilamide.*
12 - Differs significantly from guarantee for Bithionol.*
13 - Differs significantly from guarantee for p-Ureidobenzene Arsonic Acid.*
14 - Differs significantly from guarantee for Diethylstilbestrol.*
15 - Differs significantly from guarantee for Zoalene.*
16 - Differs significantly from guarantee for Glycarbylamide.*
17 - Differs significantly from guarantee for Amprolium.*
18 - Differs significantly from guarantee for 3,5,Dinitrobenzamide.*
19 - Differs significantly from guarantee for Phenothiazine.*
20 - Differs significantly from guarantee for Arsenosobenzene.*
21 - Differs significantly from guarantee for Nithiazide.*
22 - Differs significantly from guarantee for Piperazine.*
23 - Differs significantly from guarantee for Sodium Propionate.*
24 - Differs significantly from guarantee for Nihydrazone.*
25 - Differs significantly from guarantee for Sulfamethazine.*
26 - Differs significantly from guarantee for Ethopabate.*

*Note: - "a" indicates drug level excessively high.

COMMERCIAL FEEDS

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Abbottstown Grain & Feed Stores Abbottstown, Pa.							
Master Made Hog Feed Medicated	15.88	14.00	2.93	3.00	3.86	5.00	+
Ackermanville Milling Company Ackermanville, Pa.							
Egg Mash	21.06	20.00	4.27	2.50	4.72	6.50	
Pig Feed	17.50	14.00	3.30	3.00	6.33	6.00	
Scratch Feed	10.44	9.00	1.83	2.00	2.64	4.00	
Scratch Feed	9.75	9.00	2.00	2.00	3.45	4.00	
Acme-Evans Company Div. of General Grains, Inc. Indianapolis, Ind. 46204							
Yellow Hominy Feed	11.25	9.00	7.92	7.00	4.21	6.00	
Acme Markets, Inc. (Distributor) Philadelphia 2, Pa.							
#Fiesta Beef Liver Dog Food	15.03	12.00	7.92	4.00	0.39	1.50	M
Fiesta Beef Liver Dog Food	14.70	12.00	7.38	4.00	0.62	1.50	M
Adams County Farm Bureau Coop. Assn. Gettysburg, Pa.							
Hog Feed	17.50	15.00	4.22	3.00	4.51	8.00	
Agway, Inc. Berwick, Pa.							
Scratch Grain	9.88	9.00	2.45	2.00	2.71	5.00	
Agway, Inc. Shinglehouse, Pa.							
C and O	12.50	10.00	3.47	3.00	6.24	9.00	
Agway, Inc. Troy, Pa.							
Hog Feed	19.06	17.00	2.75	3.50	7.46	8.00	
Agway, Inc. Syracuse, N. Y.							
All-Mash Lay Medicated	18.44	16.00	3.77	4.00	3.95	4.50	1
Beefmix Medicated	31.88	32.00	3.28	2.00	7.99	9.00	+
Beefmix Medicated	31.88	32.00	3.36	2.00	7.78	9.00	+
Beefmix Medicated	36.56	32.00	3.57	2.00	7.27	9.00	+
Beefmix Medicated	31.69	32.00	3.07	2.00	7.55	9.00	+
Beefmix Medicated	34.69	32.00	3.87	2.00	7.62	9.00	+
Beefmix - ND	33.17	32.00	2.84	2.00	7.44	9.00	
Beefmix - ND	34.69	32.00	3.28	2.00	7.14	9.00	
Beefmix - ND	33.13	32.00	3.19	2.00	7.06	9.00	
Big Red Beef & Meat By-Products Dog Food	14.44	11.50	4.87	6.00	0.82	1.00	
#Big Red Chicken Parts w/Gravy Dog Food	13.37	10.00	7.48	6.00	0.31	1.00	
Big Red Horsemeat & Meat By-Products	13.29	11.50	6.14	6.00	1.06	1.00	
#Big Red Ration Dog Food	10.88	10.00	1.79	2.00	1.28	1.00	
Big Red Shush Pup Dog Food	27.19	25.00	8.87	7.00	2.43	4.00	
#Big Red Shush Pup Dog Food	26.38	25.00	6.16	8.00	2.84	4.00	
Booster Bits Medicated	17.06	16.00	4.27	4.00	2.84	4.50	+
Booster Bits Medicated	16.88	16.00	4.23	4.00	2.52	4.50	+
Broiler Finisher Medicated			Not Analyzed				+
Broiler Finisher (W) Medicated	23.44	22.00	8.87	8.00	3.46	4.00	+
Broiler Finisher (W) Medicated	23.25	22.00	7.94	7.00	3.99	4.00	+
Broiler Finisher (W) Medicated	22.50	22.00	8.47	7.00	3.28	4.00	+
Broiler Starter Medicated	28.56	24.00	5.58	5.00	3.39	4.00	+
Broiler Starter (W) Medicated	27.19	24.00	5.42	5.00	3.99	4.00	+
Broiler Starter (W) Medicated	25.31	24.00	6.05	5.00	4.44	4.00	+
Bro-Mix (W) Medicated	41.25	42.00	*3.91	5.00	3.68	4.00	+
Bulky (Roughage Extender)	12.19	12.00	3.23	3.00	12.00	13.00	
Bulky (Roughage Extender)	13.13	12.00	3.26	3.00	10.83	13.00	
Bulky (Roughage Extender)	11.90	12.00	2.24	3.00	10.50	13.00	
Bulky (Roughage Extender)	13.14	12.00	2.91	3.00	8.33	13.00	
Bulky (Roughage Extender)	13.46	12.00	*1.83	3.00	11.19	13.00	
Bulky (Roughage Extender)	16.56	12.00	3.50	3.00	7.90	13.00	
Bulky (Roughage Extender)	15.31	12.00	3.13	3.00	8.80	13.00	
Bulky (Roughage Extender)	14.69	12.00	2.96	3.00	10.13	13.00	
Cage-A-Matic	18.13	17.00	4.04	3.50	3.57	4.00	
Cage-Bits (A) Medicated	14.81	16.00	5.49	4.00	3.35	4.50	+
Cage-Bits (A) Medicated	17.50	16.00	4.99	4.00	3.82	4.50	+
Cage-Bits (A) Medicated	18.44	16.00	5.22	4.00	2.59	4.50	+
Cage-Bits (A) Medicated	17.50	16.00	5.22	4.00	3.42	4.50	+
Cage-Bits (A) Medicated	17.50	16.00	5.37	4.00	3.53	4.50	+

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Agway, Inc. - Continued							
Cage-Bits (A) Medicated	16.25	16.00	3.99	4.00	3.09	4.50	+
Cage-Bits (A) Medicated	17.81	16.00	5.30	4.00	3.36	4.50	+
Calf Grower	20.63	18.00	3.49	3.50	5.93	7.00	
Calf Grower	19.38	18.00	3.88	3.50	6.63	7.00	
Calf Grower	18.24	18.00	3.50	3.50	5.94	7.00	
Calf Grower	19.06	18.00	3.75	3.50	6.81	7.00	
Calf Grower	17.63	18.00	3.66	3.50	6.76	7.00	
Calf Grower	18.88	18.00	3.97	3.50	7.17	7.00	
Calf Grow-Ettes	17.19	18.00	4.18	3.50	6.58	7.00	
Calf Grow-Ettes	18.44	18.00	4.55	3.50	6.66	7.00	
Calf Grow-Ettes	16.56	18.00	3.91	3.50	6.08	7.00	
Calf Grow-Ettes	20.31	18.00	4.19	3.50	6.24	7.00	
Calf Grow-Ettes	16.88	18.00	4.21	3.50	8.15	7.00	
Calf Grow-Ettes	18.88	18.00	3.83	3.50	6.80	7.00	
Calf Grow-Ettes	20.31	18.00	3.66	3.50	6.47	7.00	
Calf Grow-Ettes	18.75	18.00	3.94	3.50	6.18	7.00	
Calf Starter	*18.31	20.00	4.23	3.00	8.04	8.50	
Calf Starter	18.88	20.00	3.41	3.00	6.96	8.50	
Calf Starter	*18.44	20.00	4.20	3.00	8.04	8.50	
Calf Starter-Ettes	20.31	20.00	4.80	3.50	6.98	6.00	
Calf Starter-Ettes	19.50	20.00	4.46	3.50	*7.23	6.00	
Calf Starter-Ettes	21.25	20.00	4.92	3.50	6.15	6.00	
#Calf Starter-Ettes	19.38	20.00	4.05	3.50	6.54	6.00	
Cashmaker 17 (A) Medicated	16.88	17.00	4.64	4.00	3.18	4.00	+
Cashmaker 17 (A) Medicated	20.31	17.00	5.00	4.00	2.62	4.00	+
Cashmaker 17 (A) Medicated	18.44	17.00	3.99	4.00	2.93	4.00	+
Cashmaker 17 (A) Medicated	17.94	17.00	4.74	4.00	3.02	4.00	+
Cashmaker 17 (A) Medicated	17.94	17.00	4.27	4.00	2.73	4.00	+
Cashmaker 17 (A) Medicated	18.75	17.00	5.06	4.00	2.64	4.00	+
Cashmaker 17 (A) Medicated	17.50	17.00	4.84	4.00	3.13	4.00	+
Cashmaker 17 (A) Medicated	18.25	17.00	4.76	4.00	3.14	4.00	+
Champion	14.56	14.00	2.61	2.50	4.60	7.00	
Champion	15.06	14.00	3.10	2.50	5.05	7.00	
Chick Scratch	10.13	9.00	1.83	2.00	3.28	3.00	
Chik Starter	21.85	20.00	4.92	4.00	4.06	4.00	
Chik Starter (A) Medicated	21.31	20.00	4.53	4.00	3.37	4.00	+
Chik Starter (B) Medicated	20.31	20.00	4.82	4.00	3.74	4.00	+
Chik Starter (B) Medicated	23.69	20.00	5.09	4.00	3.85	4.00	+
Chik Starter (B) Medicated	*17.19	20.00	3.91	4.00	2.91	4.00	+
Choice	12.81	12.00	3.72	2.00	10.19	20.00	
Choice	12.00	12.00	3.37	2.00	13.33	20.00	
Choice	11.56	12.00	2.98	2.00	14.47	20.00	
Choice	13.44	12.00	3.34	2.00	14.22	20.00	
50-50 Coarse Scratch	9.69	9.00	3.02	2.00	2.70	3.00	
Compact 16 Pellets	16.25	16.00	4.37	3.00	8.13	9.00	
Compact 16 Pellets	15.94	16.00	4.01	3.00	7.25	9.00	
Compact 16 Pellets ESM	17.25	16.00	4.43	3.00	8.00	9.00	
Compact 16 Pellets ESM	17.69	16.00	4.39	3.00	7.58	9.00	
Compact 16 Pellets ESM	17.19	16.00	4.08	3.00	6.88	9.00	
Compact 16 Pellets ESM	17.81	16.00	3.42	3.00	7.72	9.00	
Compact 16 Pellets ESM	16.88	16.00	3.35	3.00	8.34	9.00	
Compact 16 Pellets ESM	17.19	16.00	3.25	3.00	8.42	9.00	
Corn Distillers Dried Grains	28.19	24.00	9.39	5.00	7.94	14.00	
Corn Distillers Dried Grains	26.56	24.00	9.13	5.00	7.73	14.00	
Corn Distillers Dried Grains	27.06	24.00	7.52	5.00	7.06	14.00	
Corn Feed Meal	9.06	8.00	3.73	3.00	2.41	3.00	
Corn Gluten Feed	23.50	21.00	2.25	1.00	8.10	8.50	
Corn Gluten Feed	21.63	21.00	2.34	1.00	8.81	8.50	
Corn and Oats Ground	10.63	10.00	3.65	4.00	5.22	8.00	
Corn and Oats Ground	11.56	10.00	3.79	4.00	5.99	8.00	
Cracked Coarse Corn	9.69	7.00	4.70	2.00	2.13	2.50	
Customer Formula Special Cage Bits A w/Added Protein, Medicated	19.38	---	4.29	---	3.26	---	+
Customer Formula Special Turkey Breeder Pellets Medicated	20.00	---	6.10	---	3.39	---	
1550-14 Dairy Formulets	15.63	14.00	4.78	4.00	6.43	8.00	
Dari-Krunch	17.06	16.00	4.27	4.00	7.65	9.00	
Dari-Krunch	17.94	16.00	4.46	4.00	8.50	9.00	
Dari-Krunch	16.69	16.00	4.13	4.00	7.55	9.00	
Dari-Krunch	17.50	16.00	4.46	4.00	8.46	9.00	
Dari-Krunch	16.25	16.00	4.56	4.00	8.13	9.00	
Dari-Krunch	19.38	16.00	3.86	4.00	7.83	9.00	
Dehulled Soybean Meal, Solvent Extracted	50.63	50.00	0.75	0.50	2.78	3.00	
17% Dehydrated Alfalfa Meal	16.25	17.00	2.69	1.50	27.16	27.00	
17% Dehydrated Alfalfa Meal Pellets	17.50	17.00	3.50	1.50	25.08	27.00	
17% Dehydrated Alfalfa Meal Pellets	18.00	17.00	3.34	1.50	23.19	27.00	
DFE (Drought Forage Extender)	13.97	12.00	2.61	2.50	8.40	10.00	
DFE (Drought Forage Extender)	14.06	12.00	3.54	2.50	8.35	10.00	
DFE (Drought Forage Extender)	15.31	12.00	3.50	2.50	8.95	10.00	
DFE (Drought Forage Extender)	12.19	11.00	2.82	3.00	7.87	10.00	
DFE (Drought Forage Extender)	16.13	11.00	*2.36	3.00	8.26	10.00	
Dienestrol Diacetate Mix in Broiler Finisher	19.50	17.00	5.12	4.50	3.06	3.50	
#Dienestrol Diacetate Mix in Broiler Finisher	18.75	17.00	5.86	4.50	*4.59	3.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Agway, Inc. - Continued							
Dienestrol Diacetate Mix in Broiler Finisher	17.81	17.00	5.68	4.50	3.16	3.50	
Dienestrol Diacetate Mix in Broiler Finisher	21.25	17.00	4.66	4.50	3.61	3.50	
Dog Food	24.69	24.00	7.69	7.00	1.89	3.00	
Dog Food	23.75	24.00	8.27	7.00	2.09	3.00	
Drought Aid 16	17.19	16.00	3.76	3.50	4.04	8.00	
Drought Aid 16	17.50	16.00	3.29	3.50	4.31	8.00	
Drought Aid 16	16.88	16.00	4.14	3.50	5.08	8.00	
Drought Aid Sixty 16	16.25	16.00	3.21	3.50	4.45	8.00	
Drought Aid Sixty 16	18.25	16.00	3.28	3.50	3.83	8.00	
Early Bird Medicated	25.94	25.00	*4.57	6.00	2.87	3.50	
Early Bird Medicated Pre-Starter	25.13	25.00	5.86	6.00	3.42	3.50	
Early Market Lamb Pellets	16.88	14.00	4.06	2.00	10.02	18.00	
Early Market Lamb Pellets	16.38	14.00	3.85	2.00	14.41	18.00	
Early Market Lamb Pellets	15.31	14.00	3.68	2.00	12.32	18.00	
Early Market Lamb Pellets	14.50	14.00	3.47	2.00	14.84	18.00	
Early Market Lamb Pellets	15.19	14.00	3.31	2.00	13.46	18.00	
Egg Producer 21-(A) Medicated	20.31	21.00	4.54	4.00	3.92	4.00	+
Egg Producer 21-(A) Medicated	22.06	21.00	4.84	4.00	2.89	4.00	+
Egg Producer 21-(A) Medicated	21.56	21.00	5.20	4.00	3.26	4.00	+
Egg Producer 21-(A) Medicated	21.56	21.00	4.86	4.00	4.11	4.00	+
Egg Producer 21-(A) Medicated	21.19	21.00	4.76	4.00	3.86	4.00	+
Egg Producer 21-(A) Medicated	23.75	21.00	5.23	4.00	2.85	4.00	+
Egg Producer 21-(A) Medicated	21.38	21.00	5.16	4.00	3.20	4.00	+
Egg Producer 21-(A) Medicated	22.81	21.00	5.09	4.00	3.75	4.00	+
Egg Producer 21-(A) Medicated	21.75	21.00	4.57	4.00	3.99	4.00	+
Egg Producer 21-(A) Medicated	21.38	21.00	5.43	4.00	4.15	4.00	+
Egg Producer 21-(A) Medicated	22.19	21.00	5.03	4.00	3.44	4.00	+
Egg Producer 21-(A) Medicated	22.19	21.00	5.10	4.00	3.61	4.00	+
Egg Producer 21-(A) Medicated	20.31	21.00	5.35	4.00	3.31	4.00	+
Egg Producer 21-(A) Medicated	22.00	21.00	5.09	4.00	3.05	4.00	+
Egg Producer 21-(A) Medicated	22.94	21.00	4.63	4.00	4.08	4.00	1
Egg Producer 21-(A) Medicated	21.88	21.00	5.47	4.00	4.33	4.00	+
Egg Producer 21-(A) Medicated	17.94	16.00	4.31	3.00	6.90	10.00	
Empire Dairy Bordentown	15.31	14.50	4.70	4.00	3.37	6.00	+
Es-Gro Bits (A) Medicated	18.44	16.00	4.71	4.00	3.47	4.00	+
Es-Lay-Bits (A) Medicated	18.44	16.00	4.46	4.00	3.13	4.00	1
Es-Lay-Bits (A) Medicated	17.50	16.00	4.40	4.00	3.31	4.00	+
Es-Lay-Bits (A) Medicated	19.06	18.00	3.95	3.50	8.19	9.00	
Exchange Champ	20.63	18.00	4.10	3.50	8.12	9.00	
Exchange Champ	20.31	18.00	4.03	3.50	7.83	9.00	
Exchange Champ	19.06	18.00	4.19	3.50	6.86	9.00	
Exchange Champ	21.25	20.00	4.09	4.00	6.16	9.00	
Exchange Dairy	21.56	20.00	4.27	4.00	5.99	9.00	
Exchange Dairy	19.38	20.00	4.24	4.00	7.02	9.00	
Exchange Dairy	10.94	11.00	4.68	4.00	6.11	6.00	
Feathered Friend Wild Bird Food	51.25	50.00	2.36	1.00	7.13	7.00	
Fifty-Mix	17.50	16.00	3.73	3.00	3.57	4.00	
Floor and Cage Layer	17.31	16.00	3.59	3.00	4.01	4.00	
Floor and Cage Layer	17.50	16.00	3.24	3.00	3.64	4.00	+
Floor and Cage Layer (A)-GL Medicated	22.19	20.00	4.14	3.00	6.83	8.00	
Fulpail	20.39	20.00	3.55	3.00	5.50	8.00	
Fulpail	22.81	20.00	5.41	3.00	6.70	8.00	
Fulpail	24.69	22.00	4.09	3.50	3.31	5.00	
Game Bird Grower and Turk-E-Gro Formulets	21.56	22.00	4.24	3.50	3.94	5.00	
Game Bird Grower and Turk-E-Gro Formulets	21.06	22.00	4.00	3.50	3.79	5.00	
#Game Bird Grower and Turk-E-Gro Formulets	22.75	21.00	4.91	3.50	3.32	4.50	
Game and Turkey Grower	29.69	28.00	4.23	3.00	3.34	4.00	
Game and Turkey Starter	28.63	28.00	5.13	3.00	3.12	4.00	
Game and Turkey Starter	45.00	44.00	3.51	2.00	3.65	4.00	
Gee-Mix	12.44	12.00	3.03	2.50	11.98	15.00	
Glen-Haven Demand Horse Feed	13.85	12.00	3.02	2.50	12.17	15.00	
Glen-Haven Demand Horse Feed	12.03	12.00	2.88	2.50	11.10	15.00	
Glen-Haven Demand Horse Feed	13.02	12.00	3.09	2.50	12.62	15.00	
Glen-Haven Demand Horse Feed	15.00	12.00	3.75	2.50	11.13	15.00	
Glen-Haven Demand Horse Feed	14.06	12.00	3.11	2.50	12.56	15.00	
Glen-Haven Demand Horse Feed	14.38	14.50	4.84	4.00	4.60	6.00	
#Gro-Bits	16.25	14.50	4.04	4.00	5.64	6.00	
Gro-Bits	15.31	14.50	5.06	4.00	3.47	6.00	+
Gro-Bits (A) Medicated	16.38	14.50	4.65	4.00	5.71	6.00	1
Gro-Bits (A) Medicated	16.13	14.50	5.87	4.00	4.10	6.00	+
Gro-Bits (A) Medicated	15.94	14.50	4.98	4.00	3.59	6.00	+
Gro-Bits (A) Medicated	15.50	14.50	5.04	4.00	3.75	6.00	+
Gro-Bits (A) Medicated	15.38	14.50	5.86	4.00	4.30	6.00	+
Gro-Bits (A) Medicated	18.56	14.50	5.31	4.00	3.98	6.00	+
Gro-Bits (A) Medicated	16.13	14.50	5.00	4.00	4.63	6.00	+
Gro-Bits (A) Medicated	15.63	14.50	4.97	4.00	4.89	6.00	+
Gro-Bits (A) Medicated	16.56	14.50	4.89	4.00	4.99	6.00	+
Gro-Bits (B) Medicated	15.13	14.50	5.12	4.00	4.90	6.00	+
Gro-Bits (B) Medicated	34.50	34.00	3.51	3.50	4.35	6.00	+
Gro-Mix (B) Medicated	19.31	16.00	4.54	3.50	4.30	5.00	17a
Gro-Bits-WM-Medicated	20.31	20.00	4.65	4.00	4.55	6.00	
Gro-Chik	20.19	20.00	4.64	4.00	5.15	6.00	
Gro-Chik	19.38	20.00	4.56	4.00	5.19	6.00	
Gro-Chik							

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Agway, Inc. - Continued							
Gro-Chik	20.00	20.00	5.21	4.00	5.43	6.00	
Gro-Chik Medicated	21.05	20.00	4.65	4.00	5.31	6.00	+
Hi-Egg Mixer	36.94	37.00	4.01	2.00	5.53	7.00	
Hi-Egg Mixer	39.69	37.00	4.80	2.00	5.04	7.00	
Hi-Egg Mixer Bordentown	36.06	37.00	5.27	2.00	5.07	7.00	
Highland 16	17.50	16.00	4.22	3.00	7.48	12.00	
30% Hi-Pro Concentrate	29.50	30.00	3.81	2.50	8.75	10.00	
30% Hi-Pro Concentrate	32.19	30.00	3.03	2.50	8.29	10.00	
30% Hi-Pro Concentrate	29.06	30.00	3.94	2.50	9.56	10.00	
30% Hi-Pro Concentrate	31.25	30.00	4.68	2.50	8.10	10.00	
32% Hi-Pro Concentrate	37.19	32.00	5.87	5.00	8.97	10.00	
32% Hi-Pro Concentrate	30.88	32.00	5.02	5.00	7.58	10.00	
Hog Feed	14.75	14.00	4.30	3.00	4.86	5.00	
Hog Feed	15.63	14.00	4.41	3.00	5.14	5.00	
Hog Feed	14.81	14.00	3.88	3.00	4.99	5.00	
Hog Feed	15.00	14.00	4.40	3.00	4.77	5.00	
Hog Feed	16.00	14.00	3.93	3.00	4.27	5.00	
Hog Feed	15.63	14.00	4.07	3.00	4.81	5.00	
Hog Feed	15.31	14.00	4.27	3.00	5.05	5.00	
Hog Feed	13.13	14.00	3.67	3.00	4.36	5.00	
Hog Feed	14.38	14.00	4.40	3.00	4.87	5.00	
Hog Feed	14.88	14.00	4.37	3.00	4.54	5.00	
Hog Feed	14.69	14.00	4.33	3.00	5.31	5.00	
Hog Supplement	43.13	40.00	1.76	1.50	4.20	6.00	
Hog Supplement	*36.25	40.00	2.90	1.50	5.38	6.00	
Hog Supplement	40.31	40.00	2.00	1.50	4.20	6.00	
Hog Supplement	40.44	40.00	2.82	1.50	4.61	6.00	
Hog Supplement	39.75	40.00	2.94	1.50	6.00	6.00	
Hog Supplement	39.38	40.00	5.19	1.50	4.33	6.00	
Hog Supplement	39.50	40.00	3.25	1.50	4.77	6.00	
Hog Supplement	*36.88	40.00	2.47	1.50	4.75	6.00	
Hominy Feed	11.44	10.00	5.77	5.00	3.72	6.00	
Intermediate Scratch	9.06	9.00	2.90	2.00	2.13	3.00	
Kasco Meal Concentrated Dog Food	28.56	25.00	10.98	9.00	2.63	4.00	
Ket-A-Way Medicated	19.69	20.00	4.22	3.50	6.95	7.00	
Ket-A-Way Medicated	20.94	20.00	3.89	3.50	6.81	7.00	
Ket-A-Way Medicated	24.38	20.00	4.04	3.50	5.10	7.00	
Ket-A-Way Medicated	19.38	20.00	3.99	3.50	7.64	7.00	
Ket-A-Way Medicated	19.13	20.00	4.39	3.50	6.90	7.00	
Ket-A-Way Medicated	17.50	20.00	4.15	3.50	7.24	7.00	
Keystone 50% Hi-Pro	50.31	50.00	2.42	1.50	5.11	10.00	
Lay-Bits Medicated	16.56	16.00	4.20	3.50	3.57	4.00	+
Lay Bits (A) Medicated	17.81	16.00	3.95	4.00	3.80	4.00	+
Lay Bits (A) Medicated	17.50	16.00	3.89	4.00	3.22	4.00	1
Lay Bits (A) Medicated	20.00	16.00	4.40	4.00	2.65	4.00	+
Lay Bits (A) Medicated	16.81	16.00	4.10	4.00	2.56	4.00	+
Lay Bits (A) Medicated	18.44	16.00	4.46	4.00	3.16	4.00	+
Lay Bits (A) Medicated	17.19	16.00	4.17	4.00	2.40	4.00	+
Lay Bits (A) Medicated	18.44	16.00	4.85	4.00	3.70	4.00	+
Lay Bits (A) Medicated	17.38	16.00	4.48	4.00	3.10	4.00	+
Lay Bits (A) Medicated	18.94	16.00	4.65	4.00	2.62	4.00	+
Lay Bits (A) Medicated	17.19	16.00	5.21	4.00	3.28	4.00	+
Lay Bits (A) Medicated	17.94	16.00	4.79	4.00	3.33	4.00	+
Lay Bits (A) Medicated	17.38	16.00	4.27	4.00	3.97	4.00	+
Lay Bits (A) Medicated	17.19	16.00	4.47	4.00	3.86	4.00	+
Lay Bits (A) Medicated	17.50	16.00	4.20	4.00	4.09	4.00	+
Lay Bits (A) Medicated	16.69	16.00	4.50	4.00	3.35	4.00	+
Lay Bits (A) Medicated	17.50	16.00	4.50	4.00	3.63	4.00	+
Layer	21.25	20.00	4.46	4.00	4.18	5.00	
Layer	*18.63	20.00	4.35	4.00	3.62	5.00	
Layer	19.69	20.00	4.57	4.00	4.52	5.00	
Lay Mix (A) Medicated	37.50	38.00	6.12	4.00	3.69	5.00	+
Lay Mix (A) Medicated	39.44	38.00	5.20	4.00	3.90	5.00	+
Lay Mix (A) Medicated	40.06	38.00	4.75	4.00	4.53	5.00	1
Lay Mix (A) Medicated	38.44	38.00	5.59	4.00	4.24	5.00	1
Lay Mix (A) Medicated	37.81	38.00	6.51	4.00	3.87	5.00	1
Lay-Mix Medicated	40.00	40.00	3.38	2.00	3.24	4.00	+
Lay-Mix Medicated	40.63	40.00	2.53	2.00	4.04	4.00	+
Lay-Mix Medicated	40.31	40.00	5.56	2.00	3.80	4.00	1
Matchmaker Medicated	22.81	22.00	4.66	4.00	3.46	4.00	+
Medicated Commander	21.69	21.00	4.36	4.00	3.31	3.50	+
Medicated Commander	23.44	21.00	4.39	4.00	3.19	3.50	+
Medicated Defender	20.94	20.00	4.79	3.50	3.48	3.75	
Medicated Defender	20.00	20.00	4.98	3.50	3.65	3.75	
#Medicated Defender	16.88	16.00	4.74	3.50	4.52	5.00	+
Medicated Minuteman	26.00	24.00	5.34	5.00	2.34	4.00	
Medicated Sentinel	20.00	16.00	4.48	3.50	4.01	5.00	
Medicated Turkey Starter F	27.19	28.00	3.99	3.00	2.97	4.00	+
Medicated Turkey Starter F	27.75	28.00	3.67	3.00	3.13	4.00	+
1550-14 Milkerpels	15.94	14.00	4.75	4.00	6.19	8.00	
1550-14 Milkerpels	14.81	14.00	4.33	4.00	6.00	8.00	
Milkerpels 16	17.63	16.00	4.63	3.50	6.77	8.00	
Milkerpels 16	18.13	16.00	4.54	3.50	6.85	8.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Agway, Inc. - Continued							
1500-20 Milkerpels	*18.44	20.00	4.96	3.50	7.99	8.00	
1600-16 Milkerpels	17.50	16.00	5.26	4.00	5.54	8.00	
1600-16 Milkerpels	17.50	16.00	5.09	4.00	6.65	8.00	
Milkerpels 16 Bordentown	17.94	16.00	4.33	3.50	6.70	8.00	
1500-20 Milkerpels ESM	20.00	20.00	4.65	3.50	7.32	8.00	
1500-20 Milkerpels ESM	19.06	20.00	4.29	3.50	6.55	8.00	
1600-16 Milkerpels ESM	17.16	16.00	3.08	4.00	6.80	8.00	
1600-16 Milkerpels ESM	17.50	16.00	4.34	4.00	7.88	8.00	
Milk Maker 16	17.81	16.00	5.39	3.50	6.56	8.50	
Milk Maker 16	18.44	16.00	4.43	3.50	6.97	8.50	
Milk Maker 16	17.50	16.00	4.08	4.00	7.77	9.00	
Milk Maker 16	17.81	16.00	3.85	3.50	7.84	8.50	
Milk Maker 16	16.88	16.00	3.55	3.50	6.90	8.50	
Milkmore	16.83	16.00	4.16	3.00	7.25	8.00	
Milkmore 16	16.25	16.00	3.61	3.00	8.63	10.00	
Milkmore 16	16.88	16.00	4.17	3.00	8.64	10.00	
Milkmore 16	16.88	16.00	4.13	3.00	9.55	10.00	
Milkmore 16	17.81	16.00	4.48	3.00	8.80	10.00	
Milkmore 16	15.50	16.00	3.84	3.00	7.84	10.00	
Milkmore 16	15.81	16.00	4.18	3.00	7.09	10.00	
Milkmore 16 ESM	17.19	16.00	3.83	3.00	8.35	10.00	
Milksaver	25.63	24.00	4.80	5.00	0.72	1.50	
Milksaver	25.31	24.00	5.34	5.00	0.76	1.50	
Milksaver	24.38	24.00	6.81	5.00	1.55	1.50	
32% Mixer Krums	34.75	32.00	5.18	5.00	7.35	10.00	
32% Mixer Krums	31.56	32.00	4.82	5.00	7.30	10.00	
32% Mixer Krums	38.81	32.00	5.51	5.00	7.75	10.00	
40% Mixer Krums	*37.81	40.00	4.13	2.00	7.85	10.00	
40% Mixer Krums	39.69	40.00	3.81	2.00	7.21	10.00	
40% Mixer Krums	*25.81	40.00	5.03	2.00	7.51	10.00	
40% Mixer Krums	40.75	40.00	4.15	2.00	7.87	10.00	
40% Mixer Krums	40.63	40.00	4.11	2.00	7.36	10.00	
40% Mixer Krums	*34.75	40.00	2.87	2.00	6.90	10.00	
40% Mixer Krums	43.44	40.00	2.54	2.00	9.07	10.00	
40% Mixer Krums	38.13	40.00	4.30	2.00	7.65	10.00	
40% Mixer Krums	39.06	40.00	4.28	2.00	7.55	10.00	
40% Mixer Krums	*35.31	40.00	3.00	2.00	6.85	10.00	
40% Mixer Krums	42.50	40.00	5.38	2.00	8.80	10.00	
32% Mixer Krums Buffalo-Albany	33.00	32.00	4.86	5.00	7.41	10.00	
20% Mixer Krums ESM	21.56	20.00	3.55	3.00	8.50	9.00	
40% Mixer Krums ESM	37.56	40.00	2.94	2.00	7.57	10.00	
40% Mixer Krums ESM	*29.69	40.00	2.89	2.00	7.38	10.00	
40% Mixer Krums ESM	41.56	40.00	1.97	2.00	7.51	10.00	
40% Mixer Krums ESM	43.13	40.00	3.44	2.00	8.65	10.00	
40% Mixer Krums ESM	41.24	40.00	3.16	2.00	7.38	10.00	
40% Mixer Krums ESM	42.63	40.00	3.64	2.00	7.85	10.00	
40% Mixer Krums ESM	40.00	40.00	1.84	2.00	6.51	10.00	
Pacemaker Medicated	21.88	20.00	4.61	4.00	3.04	4.00	+
Pacemaker Starter (B) Medicated	20.44	21.00	4.63	4.00	3.70	3.50	+
Pacemaker Starter (B) Medicated	22.44	21.00	5.23	4.00	3.12	3.50	+
Pacemaker Starter (B) Medicated	20.63	21.00	5.16	4.00	2.51	3.50	+
Pacemaker Starter (B) Medicated	22.31	21.00	4.94	4.00	3.44	3.50	+
Pacemaker Starter (B) Medicated	23.44	21.00	4.61	4.00	3.13	3.50	+
Pacemaker Starter (B) Medicated	22.88	21.00	4.72	4.00	2.58	3.50	+
Pacemaker Starter (G) Medicated	22.31	21.00	5.07	4.00	3.00	3.50	+
Pasture 14	16.25	14.00	3.11	3.00	9.17	12.00	
Pasture 14	17.81	14.00	4.60	3.00	6.19	12.00	
Pasture 14	15.94	14.00	3.88	3.00	9.91	12.00	
16% Pasture Pellets	16.88	16.00	4.42	3.00	9.47	12.00	
16% Pasture Pellets	18.00	16.00	3.60	3.00	11.33	12.00	
Pel 22 Medicated	23.13	22.00	3.86	2.50	4.33	4.50	+
Pel-Lay Medicated	18.06	16.00	4.58	3.50	3.02	4.00	+
Pel-Lay Medicated	17.19	16.00	4.63	3.50	3.17	4.00	+
1600-16 Pellets	16.88	16.00	5.50	4.50	6.33	7.00	
1600-16 Pellets	17.13	16.00	5.76	4.50	5.19	7.00	
1600-16 Pellets	17.63	16.00	4.86	4.50	4.97	7.00	
Pork Builder	15.94	14.00	3.78	3.00	2.90	3.50	
Pork Gainer Medicated	18.44	16.00	5.79	4.50	3.98	4.00	+
Pork Gainer Medicated	18.44	16.00	4.69	4.50	2.91	4.00	+
Pork Gainer Medicated	17.19	16.00	6.04	4.50	3.33	4.00	+
Pork Gainer Medicated	17.81	16.00	4.95	4.50	2.90	4.00	+
38% Pork Mix	38.13	38.00	3.16	3.00	4.44	6.00	
Porkmix	42.50	40.00	4.94	1.50	4.82	5.50	
Pork Primer Medicated	19.56	18.00	8.77	8.00	2.00	2.50	+
Protek F Medicated	18.13	16.00	4.32	4.00	2.82	4.00	+
Protek F Medicated	16.88	16.00	4.97	4.00	3.40	4.00	+
Pullet Grower	20.94	20.00	4.47	4.00	6.15	6.50	
Quik--Meat A Medicated	23.13	23.00	5.49	5.00	2.84	3.50	+
Quik--Prime A Medicated	19.69	20.00	5.94	5.00	3.44	3.50	+
Quik-Prime Medicated	22.19	18.00	5.51	6.00	2.88	3.00	+
Red Tag Medicated	18.06	16.00	4.94	4.00	4.21	5.00	+
Red Tag Medicated	17.81	16.00	4.63	4.00	3.83	5.00	10
Red Tag Medicated	18.13	16.00	4.35	4.00	3.89	5.00	+

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Agway, Inc. - Continued							
Red Tag Medicated	18.44	16.00	4.75	4.00	3.70	5.00	10
Red Tag Medicated	17.19	16.00	5.13	4.00	5.16	5.00	+
Roaster Finisher Medicated	19.06	18.00	5.02	4.00	2.93	3.50	+
Roaster Finisher Medicated	18.69	18.00	4.11	4.00	3.32	3.50	+
Roaster Finisher (W) Medicated	20.25	18.00	5.31	4.00	2.65	3.50	+
Roaster Finisher (W) Medicated	19.69	18.00	4.98	4.00	3.05	3.50	+
Scratch Grains	10.00	8.50	3.09	2.50	4.07	4.50	
Sentinel Bits Medicated	16.88	16.00	4.42	4.00	3.24	4.00	
Sentinel Bits Medicated	16.25	16.00	4.08	4.00	3.25	4.00	
Sentinel Bits Medicated	18.44	16.00	4.60	4.00	3.26	4.00	
Sentinel Bits Medicated	18.44	16.00	4.59	4.00	3.45	4.00	
Sixty Mixer	*57.18	60.00	1.65	1.00	4.66	7.00	
Sixty Mixer	57.19	60.00	1.96	1.00	4.49	7.00	
Sixty Mixer	58.05	60.00	1.60	1.00	5.77	7.00	
Sixty Mixer	60.88	60.00	1.55	1.00	3.46	7.00	
Sixty Mixer	*57.50	60.00	1.53	1.00	3.88	7.00	
Sixty Mixer	60.59	60.00	1.06	1.00	3.98	7.00	
Sixty Mixer	57.32	60.00	1.67	1.00	3.80	7.00	
Sixty Mixer	61.56	60.00	1.39	1.00	3.70	7.00	
Sixty Mixer	*55.39	60.00	1.57	1.00	3.61	7.00	
Sixty Mixer	*56.76	60.00	0.98	1.00	3.83	7.00	
Sixty Mixer	57.81	60.00	1.22	1.00	4.09	7.00	
Sixty Mixer	58.13	60.00	1.37	1.00	4.16	7.00	
Sixty Mixer	60.31	60.00	1.36	1.00	3.89	7.00	
Sixty Mixer	57.81	60.00	1.47	1.00	3.78	7.00	
Sow & Pig Feed	18.44	16.00	4.18	3.00	4.62	5.50	
Sow & Pig Feed	18.44	16.00	4.50	3.00	4.60	5.50	
Sow & Pig Feed	16.69	16.00	4.37	3.00	3.69	5.50	
Sow & Pig Feed	16.25	16.00	4.76	3.00	3.59	5.50	
Sow & Pig Supplement	36.25	36.00	3.68	2.00	5.28	6.00	
Sow & Pig Supplement	37.19	36.00	3.03	2.00	4.96	6.00	
18% Special	19.69	18.00	4.07	3.00	7.89	10.00	
Special 44% Concentrate	46.38	44.00	3.25	2.50	8.03	10.00	
Squealer Medicated	18.56	18.00	6.07	2.50	2.67	2.00	25
Squealer Medicated	19.06	18.00	4.81	2.50	4.26	2.00	25
Squealer Medicated	20.75	18.00	5.05	2.50	3.42	2.00	+
Squealer Medicated	18.44	18.00	5.51	2.50	2.34	2.00	+
Squire Applegate Big Red Dog Food Meal	26.25	25.00	13.09	8.00	2.09	4.00	
Sted-A-Milk	30.62	28.00	11.04	10.00	2.35	3.00	
Sted-A-Milk	27.81	28.00	10.47	10.00	2.47	3.00	
Sted-A-Milk	29.38	28.00	10.55	10.00	2.80	3.00	
Sted-A-Milk	30.50	28.00	11.53	10.00	2.93	3.00	
Super Exchange Dairy	*19.06	20.00	4.50	4.50	7.55	8.00	
Super Exchange Dairy	19.19	20.00	4.54	4.50	6.53	8.00	
Super Exchange Dairy	20.13	20.00	4.05	4.50	6.95	8.00	
Super Exchange Dairy	21.44	20.00	4.61	4.50	6.95	8.00	
Super Exchange Dairy	21.56	20.00	4.71	4.50	6.92	8.00	
Super Exchange Dairy	20.00	20.00	4.65	4.50	6.65	8.00	
Super Fit-N-Fresh	14.69	13.00	3.76	3.25	9.83	11.00	
Super Fit-N-Fresh	13.94	13.00	3.49	3.25	10.05	11.00	
Super Fit-N-Fresh	13.87	13.00	3.59	3.25	9.05	11.00	
Super Fit-N-Fresh	13.11	13.00	3.42	3.25	9.73	11.00	
Super Fit-N-Fresh	13.44	13.00	3.78	3.25	9.60	11.00	
Super Fit-N-Fresh	14.38	13.00	3.27	3.25	10.72	11.00	
Super Fit-N-Fresh	13.92	13.00	3.34	3.25	8.17	11.00	
Super Fit-N-Fresh	15.31	13.00	4.08	3.25	8.63	11.00	
Super Fit-N-Fresh	14.06	13.00	4.56	3.25	9.91	11.00	
Super Lay Medicated	21.06	21.00	4.03	4.00	3.30	4.00	1
Super Lay Medicated	20.94	21.00	4.84	4.00	3.82	4.00	+
Super Lay Medicated	22.19	21.00	3.90	4.00	3.42	4.00	+
Super Lay Medicated	20.31	21.00	3.67	4.00	3.05	4.00	1
Super Lay Mixer Medicated	38.75	37.00	6.12	4.00	6.28	6.00	+
Super Lay U. M.	21.50	21.00	4.43	4.00	3.79	4.00	
Super Matic Medicated	16.94	17.00	3.87	4.00	2.71	4.00	+
Super Test Feed	15.48	16.00	*3.24	4.50	6.76	8.00	
Super Test Feed	17.19	16.00	4.44	4.50	7.53	8.00	
Super Test Feed	16.11	16.00	*3.59	4.50	6.54	8.00	
Super Test Feed	16.03	16.00	*2.86	4.50	7.11	8.00	
Super Test Feed	15.31	16.00	4.92	4.50	6.41	8.00	
Super Test Feed	16.04	16.00	*3.09	4.50	7.71	8.00	
Super Test Feed	16.10	16.00	*3.77	4.50	5.96	8.00	
Super Test Feed	15.94	16.00	4.79	4.50	6.64	8.00	
Supmix	37.20	36.00	2.85	1.50	7.45	8.00	
Supmix	37.95	36.00	2.33	1.50	6.52	8.00	
Supmix	37.33	36.00	2.25	1.50	6.03	8.00	
Supmix	37.81	36.00	2.87	1.50	6.34	8.00	
Supmix	35.63	36.00	2.83	1.50	7.35	8.00	
Supmix	36.63	36.00	2.66	1.50	7.14	8.00	
Supmix	36.25	36.00	2.65	1.50	6.98	8.00	
Supmix	38.31	36.00	2.49	1.50	7.20	8.00	
Supmix	36.88	36.00	3.31	1.50	6.37	8.00	
Supmix	36.88	36.00	2.43	1.50	6.56	8.00	
Tastibulk	10.69	9.50	2.96	2.00	10.20	10.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Agway, Inc. - Continued							
Tone	20.94	20.00	3.94	0.50	5.31	5.50	
Tone	20.63	20.00	3.42	0.50	5.61	5.50	
Trim	13.46	14.00	3.09	3.00	7.03	10.00	
Trim	18.04	14.00	3.67	3.00	6.80	10.00	
Trim	15.44	14.00	3.95	3.00	8.76	10.00	
Trim	15.08	14.00	3.84	3.00	7.65	10.00	
Trim	15.81	14.00	3.91	3.00	7.79	10.00	
Trim	15.31	14.00	3.77	3.00	7.05	10.00	
Trim	14.19	14.00	3.72	3.00	8.42	10.00	
Turk-E-Pre-Starter Medicated	28.50	30.00	4.93	3.00	3.09	3.00	+
Turk-E-Start (B) Medicated	31.25	28.00	3.52	3.50	2.58	5.00	+
Turkey Breeder	20.94	18.00	4.98	4.00	3.77	4.50	
Turkey Finisher	18.13	16.00	4.50	3.50	3.04	4.00	
Turkey Finisher	19.38	16.00	5.08	3.50	3.65	4.00	
Turkey Finisher	18.44	16.00	5.40	3.50	3.75	4.00	
Turkey Finisher Medicated	17.63	16.00	4.31	3.50	2.44	4.00	
Turkey Finisher (T) Medicated	16.25	16.00	4.88	3.50	2.91	4.00	+
Turkey-Grower	25.94	20.00	4.08	3.50	3.50	4.50	
Turkey Grower C Medicated	24.38	20.00	4.57	3.50	3.34	4.50	+
Turkey Starter (B) Medicated	30.63	28.00	5.83	3.00	3.19	4.00	+
Turkey Starter (B) Medicated	29.19	28.00	4.44	3.00	2.71	4.00	+
Turkey Starter Medicated	27.81	28.00	4.16	3.00	3.79	4.00	+
Veal-N-Gro Milk Replacer Medicated	24.75	23.00	12.26	12.00	0.19	0.25	
Veal-N-Gro Milk Replacer Medicated	23.44	24.00	*18.86	20.00	0.21	0.25	
Veal-N-Gro Milk Replacer Medicated	25.06	24.00	*17.67	20.00	0.21	0.25	
Veal-N-Gro Milk Replacer Medicated	26.25	24.00	19.16	20.00	0.44	0.25	
Veal-N-Gro Milk Replacer Medicated	24.38	24.00	19.36	20.00	0.33	0.25	
Wheat Middlings	17.81	15.00	4.57	4.00	7.73	9.00	
Wheat Middlings	18.25	15.00	4.18	4.00	8.51	9.00	
Wild Bird Food	10.44	11.00	3.71	4.00	4.73	6.00	
Wild Bird Seed	11.00	11.00	*3.90	6.50	5.86	9.00	
6-W Starter (E) Medicated	22.81	21.00	4.13	4.00	3.12	3.50	+
6-W Starter (E) Medicated D	21.56	21.00	4.66	4.00	3.19	8.50	+
Agway, Inc., Ber-Nesco Service Nescopeck, Pa.							
Hog Feed	19.69	17.00	3.59	3.50	4.91	8.00	
Scratch Grain	10.19	9.00	2.31	2.00	2.48	5.00	
Agway, Inc. Small Animal Foods Department Canandaigua, N. Y.							
#Big Red Beef & Beef By-Products Dog Food	14.50	11.50	5.10	6.00	0.91	1.00	
Alber's Milling Company Division of Carnation Company Los Angeles 36, Calif.							
Calf Manna	28.13	25.00	3.45	3.00	4.99	6.00	
Calf Manna	24.81	25.00	3.06	3.00	4.80	6.00	
Spur	26.56	25.00	2.48	2.00	9.16	13.00	
Veal Glo	23.60	22.00	*16.99	20.00	0.25	1.00	
Albright's Mill Kempton, Pa.							
Master Made Chick Starter Medicated	21.06	21.00	4.66	3.50	5.12	5.00	+
Master Made Egg Mash	20.94	20.00	3.73	2.50	5.13	6.50	
Master Made Hi-Calorie All Mash Layer	18.44	16.50	4.06	4.00	2.78	3.50	
Master Made Hog Feed	14.31	12.50	*2.82	3.50	3.90	5.00	
Master Made Hog Feed	13.25	12.50	3.17	3.50	3.60	5.00	
Master Made Pig Feed	17.81	16.00	3.17	3.00	4.44	5.00	
Master Made Pig Feed Medicated	16.88	16.00	2.70	3.00	4.10	5.00	+
Allegheny Fur Feeds, Inc. Portage, Pa.							
Mink Feed	13.59	12.00	6.44	4.00	1.13	2.00	
Allen Products Company, Inc. Allentown, Pa. 18104							
#Chunks of Liver for Dogs	18.19	15.00	4.90	2.50	0.11	1.00	
#Chunks of Liver for Dogs	18.77	15.00	*5.51	2.50	0.15	1.00	M
Liver for Cats	18.61	16.00	4.96	2.50	0.21	1.00	
Liver Chunks & Meat By-Products for Dogs	17.66	15.00	3.73	2.50	0.13	1.00	
Meat Balls w/Gravy for Dogs	12.52	10.00	11.27	8.00	0.42	1.50	
Scramble for Dogs	13.64	10.00	5.76	6.00	0.51	1.50	
Scramble for Dogs	13.97	10.00	6.65	6.00	0.34	1.50	
Allied Food Distributors, Inc. Atlanta, Ga.							
Twin Pet Dog Food	10.97	10.00	2.28	2.00	1.19	1.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Allied Mills, Inc. Chicago, Ill.							
Hog Balancer Medicated	33.75	35.00	3.56	1.50	5.37	7.00	1
New Hope Complete Horse Feed	13.13	12.50	2.08	2.00	8.99	12.00	
New Hope Complete Horse Feed	13.24	12.50	1.94	2.00	7.52	12.00	
Sucrene 16% All Pelleted Dairy	19.69	16.00	3.48	3.00	11.27	10.50	
Sucrene 20% Dairy	20.19	20.00	3.82	3.00	7.18	11.00	
Sucrene 16% Dairy "E"	20.94	16.00	3.62	3.00	8.90	10.50	
Sucrene 16% Dairy "E"	15.83	16.00	2.88	3.00	8.58	10.50	
Sucrene 16% Dairy "E"	18.44	16.00	3.89	3.00	9.15	10.50	
Sucrene 16% Dairy "E"	19.57	16.00	3.59	3.00	9.12	10.50	
Sucrene 16% Dairy "E"	19.06	16.00	2.88	3.00	9.52	10.50	
Topper 16% Dairy	18.31	16.00	3.55	2.50	7.87	14.00	
Wayne Beef Balancer	31.88	32.00	3.39	1.50	7.60	10.00	
Wayne Beef Balancer	33.44	32.00	2.88	1.50	7.37	10.00	
Wayne Beef Balancer	33.75	32.00	3.72	1.50	7.38	10.00	
Wayne Beef Balancer	32.19	32.00	3.62	1.50	7.91	10.00	
Wayne Broiler Finisher Medicated M-60	23.75	20.00	7.07	5.00	3.35	3.00	+
Wayne Brood Sow Supplement	35.63	36.00	2.15	2.00	6.60	8.00	
Wayne Calf Starter	16.56	16.00	4.21	3.00	5.79	7.50	
Wayne Calf Starter & Grower	15.25	15.00	2.71	3.00	5.67	9.00	
Wayne Calf Starter & Grower	16.99	15.00	3.21	3.00	6.27	9.00	
Wayne Calf Starter & Grower	17.50	15.00	2.84	3.00	7.20	9.00	
Wayne Calf Starter & Grower	17.50	15.00	3.51	3.00	7.13	9.00	
Wayne Calf Starter & Grower	16.25	15.00	3.56	3.00	6.40	9.00	
Wayne Cattle Balancer	34.06	32.00	1.86	1.50	6.65	8.00	
Wayne Chick Feed	10.06	9.00	3.22	2.00	1.90	4.00	
Wayne Chick Mixer M-66 Medicated	38.13	36.00	4.32	4.00	6.13	6.50	+
Wayne Commercial Egg	17.50	16.00	4.05	3.50	4.73	5.00	
Wayne Complete Brood Sow	15.63	15.00	4.07	2.50	7.60	8.00	
Wayne 20% Dairy "E"	20.00	20.00	3.95	3.50	8.07	9.00	
Wayne 20% Dairy "E"	22.50	20.00	3.67	3.50	6.99	9.00	
Wayne 20% Dairy "E"	19.13	20.00	3.40	3.50	7.27	9.00	
Wayne 20% Dairy "E"	19.06	20.00	3.90	3.50	6.71	9.00	
Wayne Dairy Mixer	34.38	32.00	2.27	1.50	7.19	10.00	
Wayne Dairy Mixer	33.75	32.00	2.09	1.50	9.10	10.00	
Wayne Dairy Mixer	34.88	32.00	1.95	1.50	7.75	10.00	
Wayne Dairy Mixer	33.13	32.00	1.92	1.50	8.97	10.00	
Wayne Dairy Mixer	31.38	32.00	2.25	1.50	6.80	10.00	
Wayne Dairy Mixer	34.63	32.00	1.91	1.50	7.58	10.00	
Wayne Dairy Mixer	32.50	32.00	2.45	1.50	8.03	10.00	
Wayne Dairy Mixer	34.19	32.00	2.89	1.50	10.61	10.00	
Wayne Dairy Mixer	34.69	32.00	2.69	1.50	9.26	10.00	
Wayne Dairy Mixer	34.06	32.00	1.76	1.50	7.71	10.00	
Wayne Dairy Mixer	36.88	32.00	2.54	1.50	9.19	10.00	
Wayne 24% Dairy Mixer	24.50	24.00	2.29	2.50	9.10	11.00	
Wayne 30% Dairy Mixer	33.13	30.00	1.92	1.50	9.82	12.00	
Wayne 30% Dairy Mixer	32.50	30.00	2.34	1.50	10.15	12.00	
Wayne Dairy Mixer A-81	32.94	32.00	2.26	1.50	9.00	10.00	
Wayne Dairy Mixer A-81	36.44	32.00	2.10	1.50	8.49	10.00	
Wayne Dairy Mixer A-81	35.31	32.00	2.57	1.50	9.77	10.00	
Wayne 42% Dairy Mixing Supplement	*39.47	42.00	1.62	1.50	4.52	7.00	
Wayne 42% Dairy Mixing Supplement	43.18	42.00	2.23	1.50	5.84	7.00	
Wayne 42% Dairy Mixing Supplement	42.38	42.00	1.53	1.50	6.01	7.00	
Wayne 42% Dairy Mixing Supplement	45.31	42.00	1.37	1.50	6.28	7.00	
Wayne 42% Dairy Mixing Supplement	41.25	42.00	1.78	1.50	6.29	7.00	
Wayne 42% Dairy Mixing Supplement	*40.94	42.00	2.29	1.50	6.73	7.00	
Wayne 42% Dairy Mixing Supplement	44.69	42.00	1.69	1.50	6.44	7.00	
Wayne 42% Dairy Mixing Supplement	44.19	42.00	1.29	1.50	6.45	7.00	
Wayne 42% Dairy Mixing Supplement	42.25	42.00	*1.13	1.50	6.17	7.00	
Wayne 42% Dairy Mixing Supplement	43.44	42.00	2.20	1.50	6.03	7.00	
Wayne 42% Dairy Mixing Supplement	41.25	42.00	2.00	1.50	6.59	7.00	
Wayne 42% Dairy Mixing Supplement	46.63	42.00	2.16	1.50	6.87	7.00	
Wayne 42% Dairy Mixing Supplement A-81	43.03	42.00	1.19	1.50	6.81	7.00	
Wayne 42% Dairy Mixing Supplement A-81	43.97	42.00	1.75	1.50	5.69	7.00	
Wayne 42% Dairy Mixing Supplement A-81	44.06	42.00	1.59	1.50	7.01	7.00	
Wayne 42% Dairy Mixing Supplement A-81	45.00	42.00	1.75	1.50	6.25	7.00	
Wayne 32% Dairy Supplement	30.94	32.00	2.91	1.50	5.99	7.00	
Wayne 32% Dairy Supplement	30.94	32.00	1.85	1.50	6.44	7.00	
Wayne 32% Dairy Supplement	*30.69	32.00	2.18	1.50	6.96	7.00	
Wayne 32% Dairy Supplement	31.88	32.00	2.12	1.50	6.99	7.00	
Wayne 32% Dairy Supplement	31.56	32.00	2.22	1.50	6.39	7.00	
Wayne 32% Dairy Supplement	32.94	32.00	1.96	1.50	7.51	7.00	
Wayne 32% Dairy Supplement A-81	31.56	32.00	2.47	1.50	7.45	7.00	
Wayne 32% Dairy Supplement A-81	*30.44	32.00	2.72	1.50	6.51	7.00	
Wayne 32% Dairy Supplement A-81	32.81	32.00	2.19	1.50	6.27	7.00	
0.0011% Diethylstilbestrol Mixture in Beef Balancer M-32	35.31	32.00	3.56	1.50	8.23	10.00	+
0.0011% Diethylstilbestrol Mixture in Beef Balancer M-33 Medicated	32.19	32.00	3.24	1.50	7.28	10.00	+
0.0011% Diethylstilbestrol Mixture in Topper Cattle Supplement M-32	32.81	32.00	2.99	1.50	9.36	12.00	+

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Allied Mills, Inc. - Continued							
Wayne Dog Food	27.50	25.00	7.65	7.00	3.46	5.00	
Wayne Dog Food	26.56	25.00	7.15	7.00	3.16	5.00	
Wayne Dog Food	26.88	25.00	6.94	7.00	3.32	5.00	
Wayne Dog Food	25.63	25.00	8.42	7.00	3.61	5.00	
Wayne 16% Drought Dairy Feed	17.88	16.00	4.75	4.00	6.03	8.50	
Wayne 26% Egg and Breeder	26.56	26.00	4.47	4.00	5.23	7.00	
Wayne Egg Mash	20.69	20.00	4.03	3.50	4.71	7.00	
Wayne Egg Medicated M-29	25.63	22.00	3.78	3.50	5.23	5.00	+
Wayne Egg Medicated M-29	22.19	22.00	3.50	3.50	5.16	5.00	+
Wayne Egg Medicated M-29	24.38	22.00	3.71	3.50	4.02	5.00	+
Wayne Egg Medicated M-29	21.81	22.00	3.79	3.50	4.89	5.00	+
Wayne Egg Medicated M-29	23.00	22.00	4.20	3.50	4.70	5.00	+
Wayne Egg Producer	20.94	20.00	4.12	3.50	6.68	7.00	
Wayne Egg Producer	19.88	20.00	4.43	3.50	5.19	7.00	
Wayne Egg Producer	21.25	20.00	4.26	3.50	6.22	7.00	
Wayne Egg Producer	22.00	20.00	3.70	3.50	5.86	7.00	
Wayne Egg Producer	20.75	20.00	4.50	3.50	5.99	7.00	
Wayne Egg Producer	22.19	20.00	4.30	3.50	6.33	7.00	
#Wayne Fish Food Krums	*34.50	36.00	3.18	2.50	6.48	7.00	
Wayne Fitting Ration "E"	16.21	14.00	3.48	4.00	7.11	7.00	
Wayne Fitting Ration "E"	16.32	14.00	3.63	4.00	6.89	7.00	
Wayne Fitting Ration "E"	16.00	14.00	3.89	4.00	6.76	7.00	
Wayne Fitting Ration "E"	13.86	14.00	3.27	4.00	5.95	7.00	
Wayne Fitting Ration "E"	17.50	14.00	3.84	4.00	7.23	7.00	
Wayne Fitting Ration "E"	14.81	14.00	4.03	4.00	7.04	7.00	
Wayne G-A-D 200 Medicated M-45	18.75	18.00	3.95	3.50	3.04	4.50	
Wayne Hi-C_2 Layer M-29 Medicated	*15.56	17.00	3.81	4.00	3.58	3.50	+
Wayne High Fiber Pullet Developer	16.56	14.00	4.97	2.50	8.20	9.00	
Wayne High Fiber Pullet Developer	16.88	14.00	3.76	2.50	6.86	9.00	
Wayne High Fiber Pullet Developer M-90 Medicated	15.31	14.00	3.43	2.50	6.99	9.00	+
Wayne High Fiver Pullet Developer M-90 Medicated	15.63	14.00	3.24	2.50	7.34	9.00	+
#Wayne Hog Balancer	34.69	35.00	3.51	1.50	6.86	7.00	0
#Wayne Hog Balancer Medicated M-64	33.75	35.00	2.81	1.50	5.19	7.00	
Wayne Hog Balancer Medicated M-64	37.69	35.00	2.25	1.50	5.35	7.00	
Wayne Hog Balancer Medicated M-64	37.63	35.00	3.20	1.50	5.85	7.00	
Wayne Hog Balancer Medicated M-64	35.63	35.00	2.77	1.50	3.96	7.00	
Wayne Hog Balancer M-64	34.81	35.00	2.89	1.50	5.13	7.00	
Wayne Hog Developer Medicated M-29	15.75	14.00	3.51	2.50	3.07	4.50	+
Wayne Hog Developer Medicated M-29	15.94	14.00	3.86	2.50	3.63	4.50	+
Wayne Hog Finisher Medicated M-29	12.81	12.00	2.76	2.50	2.89	4.50	1
Wayne Hog Finisher Medicated M-29	12.81	12.00	3.64	2.50	3.51	4.50	+
Wayne Hog Finisher Medicated M-29	14.06	12.00	3.24	2.50	2.84	4.50	+
Wayne Hog Finisher Medicated M-29	13.13	12.00	3.60	2.50	3.05	4.50	+
Wayne Horse Krunch	13.75	12.00	3.35	3.00	5.38	9.00	
Wayne Horse Krunch	13.08	12.00	2.58	3.00	5.92	9.00	
#Wayne Kolt Krunch	16.15	14.00	3.17	3.00	5.30	9.00	
Wayne Kolt Krunch	15.31	14.00	4.09	3.00	5.63	9.00	
Wayne Medicated Poultry Res-Q M-73	17.19	18.00	5.39	4.50	4.33	4.00	+
Wayne Milk Producer	20.63	20.00	3.74	2.50	3.87	5.00	
Wayne Milk Producer 16%	18.94	16.00	3.84	4.00	8.17	10.00	
Wayne 14% Milk Producer Pellets	19.06	14.00	4.76	3.00	8.00	12.00	
Wayne 14% Milk Producer Pellets	16.75	14.00	4.08	3.00	7.63	12.00	
Wayne 14% Milk Producer Pellets	17.69	14.00	3.37	3.00	8.78	12.00	
#Wayne Mr. Pets Milk Replacer for Pets	23.56	22.00	9.99	8.00	0.27	0.25	
Wayne P-17 Layer Medicated M-29	16.88	17.00	3.90	3.50	3.32	4.50	+
Wayne P-17 Layer Medicated M-29	*15.00	17.00	4.18	3.50	4.17	4.50	+
Wayne P-17 Layer Medicated M-29	18.44	17.00	3.97	3.50	3.58	4.50	+
Wayne Parlor Test Cow	17.94	16.00	3.86	4.00	6.02	7.00	
Wayne Pig Balancer Medicated M-29	*35.94	40.00	4.19	2.50	5.37	7.00	+
Wayne Pig Balancer Medicated M-29	42.31	40.00	2.41	2.50	5.46	7.00	1
Wayne Pig Balancer Medicated M-56	39.81	40.00	5.36	2.50	4.97	7.00	+
Wayne Pig Balancer Medicated M-56	41.31	40.00	4.08	2.50	5.55	7.00	+
Wayne Pig Balancer Medicated M-56	39.06	40.00	3.50	2.50	7.00	7.00	+
Wayne Pig Balancer Medicated M-56	40.13	40.00	4.21	2.50	5.81	7.00	+
Wayne Pig Balancer Medicated M-56	40.31	40.00	3.84	2.50	5.12	7.00	+
Wayne Pig Balancer (400) Medicated M-56	39.50	40.00	3.20	2.50	4.87	7.00	+
Wayne Pigeon Feed	12.81	9.00	2.09	2.00	2.71	5.00	
Wayne Poultry Mixer Medicated	36.81	36.00	4.28	4.00	6.16	6.50	+
Wayne 36% Poultry Mixer Medicated M-29	34.88	36.00	4.12	4.00	5.35	6.50	+
Wayne 36% Poultry Mixer Medicated M-29	35.94	36.00	4.45	4.00	5.72	6.50	+
Wayne 36% Poultry Mixer Medicated M-29	35.00	36.00	4.48	4.00	5.46	6.50	+
Wayne 36% Poultry Mixer Medicated M-29	38.44	36.00	3.89	4.00	5.01	6.50	+
Wayne 36% Poultry Mixer Medicated M-29	34.81	36.00	5.08	4.00	5.23	6.50	+
Wayne 36% Poultry Mixer Medicated M-29	37.44	36.00	4.71	4.00	6.02	6.50	+
Wayne 36% Poultry Mixer Medicated M-29	34.69	36.00	5.15	4.00	6.56	6.50	+
Wayne 36% Poultry Mixer Medicated M-29	36.88	36.00	4.41	4.00	5.36	6.50	+
Wayne 36% Poultry Mixer Medicated M-29	36.25	36.00	4.56	4.00	5.48	6.50	+
Wayne 36% Poultry Mixer Medicated M-29	38.19	36.00	5.69	4.00	5.16	6.50	+
Wayne Pullet Balancer Medicated M-69	23.13	22.00	3.94	3.00	5.05	7.00	+
Wayne Pullet Grower M-66 Medicated	24.06	22.00	4.41	3.00	6.05	7.00	+
Wayne Pullet Grower Medicated M-69	17.81	16.00	3.98	3.00	4.58	6.50	+
Wayne Pullet Pre-Starter Medicated M-69	23.13	21.00	3.93	3.00	3.77	5.00	+

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Allied Mills, Inc. - Continued							
Wayne Pullet Starter Medicated M-66	21.25	19.00	4.34	3.00	4.78	6.00	+
Wayne Pullet Starter Medicated M-69	21.56	19.00	4.17	3.00	4.91	6.00	17
Wayne Pullet Starter Medicated M-69	20.94	19.00	4.05	3.00	4.90	6.00	+
Wayne Rabbit Ration	18.13	17.00	3.71	2.00	10.01	15.00	
Wayne Rabbit Ration	19.69	17.00	3.60	2.00	9.04	15.00	
Wayne Scratch Feed	9.38	9.00	1.89	2.00	1.63	5.00	
Wayne Scratch Feed	10.31	9.00	3.39	2.00	2.18	5.00	
Wayne Sweet Bulky Feed	14.75	12.00	2.03	1.50	9.66	15.00	
Wayne Tail Curler Medicated M-56	17.81	16.00	4.50	3.00	4.51	4.00	+
Wayne Tail Curler Medicated M-56	18.44	16.00	3.74	3.00	3.57	4.00	+
Wayne Tail Curler Medicated M-56	17.69	16.00	3.66	3.00	2.87	4.00	+
Wayne T. C. Pig Starter Medicated M-56	17.19	16.00	3.53	3.00	3.55	4.50	+
#Wayne T. C. Pig Starter Medicated M-65	17.50	16.00	3.76	3.00	3.93	4.50	25
Wayne T. C. Pig Starter Medicated M-65	17.19	16.00	4.22	3.00	4.59	4.50	+
Wayne T. C. Pig Starter Medicated M-56	17.50	16.00	4.57	3.00	4.90	4.50	+
Wayne 16% Test Cow	18.13	16.00	4.15	4.00	6.82	7.00	
Wayne 16% Test Cow	17.62	16.00	4.09	4.00	6.62	7.00	
Wayne 16% Test Cow	14.84	16.00	4.00	4.00	6.65	7.00	
Wayne Turkey Finisher	14.38	14.00	4.66	3.50	4.00	4.50	
Wayne Turkey Pre-Starter Medicated M-69	33.25	30.00	3.95	4.00	4.39	5.00	+
Wayne Turkey Pre-Starter Medicated M-69	*25.94	30.00	4.98	4.00	3.11	5.00	+
Wayne Turkey Pre-Starter Medicated M-69	*28.75	30.00	3.91	4.00	4.81	5.00	17
#Wayne Turkey Starter Medicated M-53	25.63	26.00	4.15	3.50	3.31	4.50	+
Wayne Universal Egg Medicated M-29	17.19	17.00	4.25	4.00	2.85	3.50	+
Wayne Universal Egg Medicated M-29	18.44	17.00	4.12	4.00	3.71	3.50	+
Wayne Universal Egg Medicated M-29	19.06	17.00	4.15	4.00	2.87	3.50	+
Wayne Universal Egg Medicated M-29	19.19	17.00	4.21	4.00	3.68	3.50	+
Wayne Universal Egg Medicated M-29	18.44	17.00	4.14	4.00	3.79	3.50	+
Wayne Universal Egg Medicated M-29	17.50	17.00	3.68	4.00	3.29	3.50	+
Wayne Universal Egg Medicated M-29	21.25	17.00	5.38	4.00	4.01	3.50	+
Wayne Universal Grower Medicated M-69	19.06	17.00	3.86	3.00	5.21	6.00	17
Wayne Universal Grower Medicated M-69	17.81	17.00	4.08	3.00	5.26	6.00	+
Wayne Universal Grower Medicated M-69	18.75	17.00	4.20	3.00	5.31	6.00	+
Altenwald Elevator Company Waynesboro, Pa.							
Check-R-Mix Hog Finisher #2	12.50	12.00	3.30	2.50	2.88	6.00	
Check-R-Mix Laying Mash	25.63	22.00	4.70	3.50	5.31	7.00	
Howard F. Althouse Mohrsville, Pa.							
18% Chick Grower	20.00	18.00	4.20	3.50	5.86	7.00	
20% Chick Starter Medicated	22.50	20.00	4.10	3.50	3.15	6.50	+
20% Egg Mash	22.81	20.00	4.94	3.75	6.51	7.50	
14% Turkey Finisher	15.31	14.00	*2.95	4.00	4.78	7.00	
26% Turkey Starter Medicated	28.44	26.00	4.79	3.50	4.15	7.00	10
Altman's Feed Mills, Inc. Irwin, Pa.							
"B" Growing Mash	18.13	17.00	3.55	3.50	5.09	7.00	
"B" Starting Ration Medicated	18.94	18.00	3.91	3.50	6.39	7.00	5
Cyclone All-In-One Rabbit Pellets Medicated	19.06	18.00	4.38	4.00	*9.36	7.00	3
Cyclone All-In-One Rabbit Pellets Medicated	16.56	18.00	3.92	4.00	*10.07	7.00	3
Cyclone All-In-One Rabbit Pellets Medicated	17.81	18.00	4.17	4.00	*9.78	7.00	3
Cyclone All-In-One Rabbit Pellets Medicated	17.50	18.00	4.19	4.00	*9.77	7.00	3
Cyclone Enriched Fitting Ration	15.69	12.00	4.57	3.00	6.65	10.00	
Cyclone Hi-Energy Dairy Crunch	18.75	15.00	4.02	4.00	7.52	8.00	
Cyclone 18% Layer	18.69	18.00	5.47	5.00	5.25	7.00	
#Cyclone Milk Replacer	29.79	28.00	10.67	10.00	2.18	2.00	
Cyclone Show Calf Ration	19.12	18.00	5.29	4.00	5.90	7.00	
32% Dairy Concentrate	33.56	32.00	2.58	2.00	6.62	9.00	
Dairy Delight	17.81	14.00	4.97	2.00	6.98	12.00	
Egg Mash	21.75	18.00	4.51	3.00	5.88	7.00	
Fullgrain Stock Feed	13.44	10.00	3.49	2.00	9.32	12.00	
40% Hog Concentrate	43.44	40.00	3.72	2.50	5.76	6.00	
#Hog Feed	15.00	14.00	3.20	2.00	7.39	7.00	
Horse and Mule Feed	10.24	10.00	2.48	2.00	7.20	7.00	
35% Poultry Concentrate	36.56	35.00	3.70	4.00	*7.61	5.00	
35% Poultry Concentrate	36.25	35.00	3.52	4.00	*7.10	5.00	
#44% Protein Soybean Meal, Solvent Extracted	45.63	44.00	1.38	0.50	6.16	7.00	
Scratch Feed	9.38	8.00	2.29	2.00	2.83	5.00	
Super A Dog Food	33.13	22.00	5.69	3.00	4.30	6.00	
Super A Dog Food	*23.44	25.00	4.66	5.00	3.52	6.00	
Super A Egg Mash	23.44	22.00	3.73	3.50	5.10	7.00	
George Altman's Mills, Inc. Saltsburg, Pa.							
"B" Growing Mash	18.44	17.00	3.45	3.00	4.54	7.00	
"B" Starting Ration	16.88	18.00	3.47	3.00	4.88	6.00	
Egg Mash	19.13	18.00	2.96	3.00	4.64	7.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
American Crab Meat Company, Inc. Boston, Mass.							
#Little 3 Kittens All Fish Cat Food	16.11	15.00	0.38	0.30	0.07	0.10	
American Crystal Sugar Company Moorehead, Minn.							
Pelleted Beet Pulp w/Beet Molasses	9.38	9.50	0.34	0.30	16.42	19.00	
American Maize Products Company New York, N. Y. 10017							
Corn Gluten Feed	23.75	21.00	2.63	1.00	6.82	10.00	
Corn Gluten Feed	23.75	21.00	1.72	1.00	8.87	10.00	
Harry J. Amos Coal & Feed Supply Fairview, Pa.							
Complete Growing Mash	17.50	16.00	3.65	4.00	6.04	7.50	
Complete Growing Mash	17.00	16.00	4.97	4.00	6.45	7.50	
Complete Laying Ration	15.75	16.00	3.75	4.00	5.50	6.00	
Complete Laying Ration	16.25	16.00	4.74	4.00	4.48	6.00	
16% Dairy	17.50	16.00	2.96	2.00	8.16	9.00	
16% Dairy	16.25	16.00	2.87	2.00	9.63	9.00	
Fitting Ration	14.69	12.00	2.82	3.00	9.76	12.00	
Horse Feed	12.52	11.00	3.16	3.00	6.81	9.50	
Pig Grower	17.81	16.00	3.52	3.50	5.36	6.50	
S. T. Andersen & Son Sugar Grove, Pa.							
Home Mixed Cow Feed	17.81	18.00	4.09	3.00	6.24	10.00	
Anderson Brothers New Park, Pa.							
20% Dairy Feed	19.44	20.00	2.79	2.00	8.47	9.00	
Egg Mash	20.63	20.00	3.74	3.50	7.91	9.00	
Anderson Feed Company Hungerford, Pa.							
Pep Mix Laying Ration	18.31	16.00	3.68	3.00	3.77	5.00	
Andre & Son Montrose, Pa.							
Custom 20 Dairy Ration	20.00	20.00	3.94	3.50	6.96	9.00	
Fitting Ration	15.31	13.00	4.07	3.50	6.42	9.00	
Hi-Cal 16 Dairy Ration	16.13	16.00	2.88	3.00	5.95	9.00	
Horse Feed	13.44	10.00	3.60	3.00	7.36	9.00	
H. O. Andrews & Sons, Inc. Mapleton Depot, Pa.							
All Mash Layer Medicated	*13.88	16.50	*3.86	5.00	2.66	4.00	+
All Mash Layer Medicated	*14.38	16.50	*4.15	5.00	3.09	4.00	7
Corn & Oats Chop	11.13	8.00	3.00	2.00	6.06	12.00	
Dairy Concentrate	42.19	40.00	2.58	2.00	6.06	6.50	
Growing Mash Medicated	16.88	18.00	4.06	3.50	3.51	4.50	+
Hog Concentrate Medicated	*35.75	40.00	5.23	4.00	6.50	6.50	7a
Hog Concentrate Medicated	*37.69	40.00	5.35	4.00	5.95	6.50	+
Laying Mash	20.31	20.00	3.31	3.00	4.31	4.50	
Laying Mash	20.63	20.00	3.94	3.00	4.15	4.50	
Laying Mash	19.50	20.00	3.06	3.00	4.38	4.50	
Laying Mash Concentrate	38.63	38.00	4.45	3.00	6.94	6.50	
Laying Mash Concentrate	36.56	38.00	4.03	3.00	6.20	6.50	
Milk-Maker	18.25	16.00	2.86	2.00	8.33	9.50	
Milk-Maker	19.75	16.00	2.56	2.00	8.55	9.50	
Milk-Maker	16.00	16.00	2.85	2.00	6.32	9.50	
Mixed Grains	10.00	9.00	3.75	2.00	3.58	5.00	
Pig Starter Medicated	*15.56	18.00	4.21	3.50	4.34	4.00	+
George M. Anthony & Sons Milling Company, Inc. Strausstown, Pa.							
All-Mash Layer Medicated	16.88	16.00	3.51	3.00	4.40	5.00	+
Growing Mash	20.73	19.00	5.60	4.50	5.65	6.50	
Laying Mash Medicated	21.25	20.00	6.09	5.00	5.22	6.00	+
Anvil Mineral Products Corporation Bay Springs, Miss.							
#Yeast Culture	12.19	10.00	3.73	3.00	3.40	5.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Apollo Milling Company, Inc. Apollo, Pa.							
16% Dairy Feed	15.94	16.00	2.99	3.00	8.14	8.00	
16% Dairy Feed	*14.06	16.00	3.04	3.00	6.44	8.00	
Laying Mash	17.19	18.00	4.04	3.50	3.91	7.00	
#Meal Style Dog Food	*22.19	24.00	*5.25	7.00	3.18	4.50	
Porkmaker	14.69	12.50	3.63	3.50	3.63	5.00	
Sow & Pig Meal	15.94	14.50	3.39	3.00	4.54	7.00	
A & R Pet Food Company Buffalo, N. Y. 14206							
Beef & Beef By-Products Dog Food	14.78	13.00	7.98	5.00	0.48	1.50	
Arbogast and Bastian, Inc. Allentown, Pa.							
Dry Rendered Tankage	50.38	45.00	18.82	10.00	2.51	3.50	
#Dry Rendered Tankage	47.19	45.00	21.35	10.00	2.09	3.50	
Arenel Farms Shoemakersville, Pa.							
Complete Calf Developer	17.02	17.00	3.24	3.00	6.18	8.00	
32% Dairy Feed	34.06	32.00	2.76	2.00	6.80	8.00	
Fitting Ration	14.69	13.00	3.15	2.50	6.08	7.00	
Saddle Horse Ration	12.10	11.00	3.19	3.00	6.92	9.00	
John W. Arnold Cocolamus, Pa.							
All Mash Laying Mash	17.94	16.00	4.20	4.00	3.64	5.00	
Chick Starter Medicated	22.50	21.00	4.16	4.00	2.79	4.00	+
Laying Mash	20.00	20.00	4.75	4.00	3.42	5.00	
Pig Grower	16.56	15.00	3.45	3.00	*5.16	4.00	
Pig Grower	16.56	15.00	4.22	3.00	4.77	4.00	
Arundel Feed Corporation Baltimore 26, Md. 21226							
Nocako	6.56	5.00	0.12	0.50	15.07	18.00	
Nelson L. Baer Shippensburg, Pa.							
Chick Starter Medicated	22.50	21.00	4.29	3.50	3.99	5.00	+
Chick Starter Medicated	22.50	21.00	4.59	3.50	4.42	5.00	+
Pig Meal Medicated	17.63	16.00	3.39	3.00	3.91	5.00	+
Raymond J. Baer Waynesboro, Pa.							
Egg Mash	20.94	20.00	3.78	2.50	4.35	6.50	
Egg Mash	21.56	20.00	3.85	2.50	4.49	6.50	
Hog Feed	16.00	16.00	3.58	3.25	4.76	7.00	
Pullet Grower Medicated	18.75	18.00	3.49	3.50	5.12	5.50	+
Bahn's Mill, Inc. Windsor, Pa.							
Dog Food	26.25	24.00	8.86	7.00	3.70	5.00	
16% Hog Feed	18.13	16.00	4.20	3.50	5.02	5.00	
20% Laying Mash	20.75	20.00	4.91	3.50	4.90	6.00	
22% Laying Mash	22.63	22.00	5.33	4.50	3.70	5.50	
Hoke Bair Company Hanover, Pa.							
Check-R-Mix Hog Finisher #1 (K)	15.63	14.00	3.08	2.50	4.81	6.00	
#Check-R-Mix Hog Finisher #1 (K)	15.75	14.00	3.57	2.50	4.64	6.00	
#Check-R-Mix Laying Mash LE	24.06	22.00	4.22	3.50	4.68	7.00	
A. J. Balshi, Inc. Catawissa, Pa.							
All Mash Must Lay Egg Mash	19.38	17.00	4.15	4.00	3.58	3.50	
All Mash Must Lay Egg Mash	17.19	17.00	4.39	4.00	3.02	3.50	
#Bunny-Bits Medicated	*16.56	18.50	3.12	2.70	11.32	13.00	+
#Econo-All Mash Lay	18.75	16.50	4.07	4.00	2.48	3.00	
#Econo-Lay Concentrate	37.50	39.00	4.96	4.50	3.98	4.00	
Milk-Well 18% Dairy Feed	18.13	18.00	2.83	3.00	5.69	12.50	
#Milk-Well 18% Dairy Feed	18.44	18.00	3.05	3.00	6.51	12.50	
Must Gro Pig and Sow Feed	15.00	14.00	3.33	3.20	3.49	4.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
A. J. Balshi, Inc. - Continued							
Must Gro Pig & Sow Feed	14.69	14.00	3.62	3.20	4.05	4.00	
#Must Lay Concentrate	*32.94	38.00	6.93	5.00	*7.31	5.00	
Must Lay Concentrate	*35.75	38.00	5.10	5.00	*7.75	5.00	
#Must Lay Egg Mash	25.94	20.00	4.07	4.50	3.29	4.50	
Must Lay Egg Mash	20.69	20.00	5.26	4.50	4.59	4.50	
#Must Liv. & Gro. Chick Starter Medicated	21.31	20.00	4.92	4.00	3.46	4.50	5a
Must Liv. & Gro. Chick Starter Medicated	21.88	20.00	4.87	4.00	4.16	4.50	+
Pig & Sow Grower	15.38	14.00	3.16	3.80	*4.12	3.50	
#Special Steer & Dairy Concentrate	33.83	32.00	3.46	1.25	7.96	10.25	
#Supreme Dog Food	25.00	23.00	5.72	6.00	4.13	4.50	
D. G. Bamford Milling Company Midway, Pa.							
16% Dairy Feed	19.69	16.00	3.62	2.25	6.70	11.00	
20% Dairy Feed	23.19	20.00	2.87	2.25	7.11	11.00	
Egg Mash	21.25	20.00	3.11	3.50	5.80	6.50	
Egg Mash	23.31	20.00	3.06	3.50	6.51	6.50	
Egg Mash	23.00	20.00	3.39	3.50	5.55	6.50	
32% Mixing Ration	33.13	32.00	1.45	1.75	8.34	11.00	
Starter and Grower	20.94	20.00	3.43	3.00	6.20	6.50	
Banner Milling Company Fairchance, Pa.							
16% Dairy Ration	17.81	16.00	3.03	3.00	5.60	8.00	
16% Dairy Ration	16.56	16.00	3.11	3.00	7.07	8.00	
20% Egg Mash	20.31	20.00	3.91	2.50	4.52	6.50	
Horse and Mule Feed	11.68	8.00	*2.13	3.00	5.51	8.00	
#Pig Starter and Grower	14.38	14.00	3.22	3.00	4.95	6.00	
Pig Starter and Grower Medicated	15.75	14.00	3.12	3.00	5.16	5.00	1
Pullet Grower Medicated	19.69	18.00	3.85	3.50	5.53	7.00	15
Bannock Food Company, Inc. West Chester, Pa.							
Beef & Beef By-Products Dog Food	11.52	12.00	*21.14	6.00	0.24	1.50	
Kibbled Biscuit	24.06	22.00	7.76	4.00	3.66	2.00	
Barker, Moore & Mein Company, Inc. Lebanon, Pa.							
Vi-Pro-Min	32.81	30.00	3.61	3.00	6.13	9.00	
Barlieb's Feed & Grain Service Kunkletown, Pa.							
18% Dairy Feed	18.75	18.00	3.21	3.00	8.88	9.50	
32% Dairy Supplement	33.31	32.00	2.15	1.50	8.27	8.50	
S. C. Barnes & Son, Inc. Starruca, Pa.							
Dairy Feed	18.06	16.00	3.79	3.00	11.63	12.00	
Fitting Ration	13.00	12.00	3.93	3.00	6.45	11.00	
Bashore and Moore Pottsville, Pa.							
16% All Mash	16.56	16.00	3.81	3.00	6.32	8.00	
Game Bird	9.88	10.00	2.66	3.00	2.21	7.00	
Horse Feed	10.60	11.00	3.07	4.00	6.42	10.00	
20% Mash	*17.19	20.00	3.43	4.00	8.34	7.00	
20% Mash	*17.19	20.00	3.33	4.00	7.54	7.00	
Pigeon Pellets	20.00	18.00	4.32	3.00	7.16	10.00	
Sweet-Stock	*10.48	12.00	3.22	3.00	5.51	10.00	
Trap Feed	11.56	12.00	3.60	3.00	2.63	5.00	
Battle Creek Dog Food Company Milwaukee, Wis. 53216							
#Small Breed or Puppy Kibbles	28.44	24.00	9.04	4.00	2.45	3.00	
The Baugh Chemical Company Philadelphia, Pa.							
Sterilized Steamed Bone for Feeding	10.31	5.00	0.57	0.20	2.49	4.00	
Bay State Milling Company Winona, Minn.							
Soft Winter Wheat Bran	14.44	13.75	3.74	3.50	8.70	10.00	
Soft Winter Wheat Bran	15.31	13.75	3.55	3.50	9.26	10.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Beacon Feeds Beacon Division of Textron, Inc. Cayuga, N. Y.							
Be-Co Mixer	36.88	37.00	3.42	3.00	3.29	4.00	
Be-Co Mixer 100	41.88	42.00	7.80	7.50	3.84	4.50	
Be-Co Mixer 275	41.00	37.00	3.48	3.00	3.26	4.00	
Be-Co Nurse Milk Replacer	20.31	20.00	24.64	25.00	0.21	0.25	
Breeder All-Mash A Medicated	17.19	17.00	4.33	4.00	2.70	4.00	+
Calf Grow	15.63	17.00	3.84	3.00	8.14	8.00	
Complete Rabbit Pellets	15.75	17.00	4.09	3.50	9.58	13.00	
Complete Rabbit Pellets	17.31	17.00	3.59	3.50	10.80	13.00	
Complete Rabbit Pellets	17.19	17.00	3.59	3.50	10.19	13.00	
Complete Starter AP Medicated	22.00	22.00	3.91	3.50	3.45	5.00	+
Complete Starter AP Medicated	22.94	22.00	4.65	3.50	3.99	5.00	+
Egg Mate A Medicated	16.88	16.00	2.81	3.00	2.68	5.00	+
Egg Mate A Medicated	17.88	16.00	3.60	3.00	3.07	5.00	+
Grower All-Mash	17.50	16.00	4.67	3.50	5.26	6.00	
Grower All-Mash	16.88	16.00	4.57	3.50	6.16	6.00	
Grower All-Mash AP Medicated	17.19	16.00	4.69	3.50	4.96	6.00	+
Grower AP Medicated	14.38	14.00	4.77	3.00	8.31	8.00	+
Hi-Energy "16" Test Pel-ets	17.94	16.00	4.25	4.25	7.31	7.00	
Hi-Energy "16" Test Pel-ets	18.19	16.00	4.20	4.25	6.59	7.00	
Hi-Pro Duck Grower Finisher	19.06	18.00	4.04	3.00	3.62	5.00	
Market Egg All Mash A Medicated	16.88	17.00	3.46	4.00	2.46	4.00	+
Milk Check Coarse "16"	16.18	16.00	3.64	3.75	9.28	9.00	
Milk Check Coarse "16"	16.69	16.00	3.86	3.75	8.09	9.00	
Milky Way "16" Pel-ets	16.88	16.00	4.57	4.00	8.30	9.00	
"24" Mixer	25.63	24.00	3.74	3.00	9.91	10.00	
"24" Mixer	24.06	24.00	3.80	3.00	11.31	10.00	
"32" Mixer	33.13	32.00	2.69	2.00	8.82	10.00	
"32" Mixer	34.69	32.00	2.41	2.00	8.64	10.00	
"32" Mixer	31.06	32.00	2.79	2.00	8.25	10.00	
"32" Mixer	32.00	32.00	2.46	2.00	10.17	10.00	
#Nurse Milk Replacer	20.42	20.00	24.32	25.00	0.22	0.25	
Pig Kisses Crumpels Medicated	17.50	18.00	4.06	3.50	2.85	4.00	+
Prof-Ets "16"	16.25	16.00	4.59	3.75	8.89	9.00	
Prof-Ets "16"	18.13	16.00	5.11	4.00	9.80	9.00	
Rumentrol Medicated	17.81	16.00	3.85	3.50	5.92	8.00	+
Sow Mixer	36.25	35.00	4.69	2.00	4.83	6.00	
Sow Mixer	37.50	35.00	4.19	2.00	6.07	6.00	
Special Scratch Grains	9.81	9.00	3.55	2.00	2.86	5.00	
Starter-Broiler APP Medicated	25.19	23.00	7.64	5.00	2.40	3.50	+
Starter-Broiler NCA Medicated	24.88	23.00	4.56	5.00	2.96	4.00	+
Super Steer Supplement Medicated	35.38	35.00	2.23	2.00	9.01	8.00	+
"16" Test Cow Ration	15.94	16.00	3.75	4.00	6.15	8.00	
#Worm Mash	21.25	18.00	4.84	3.00	4.26	5.75	+
Bean Brothers Hayts Corner, N. Y.							
15% Dehydrated Alfalfa Meal	15.94	15.00	2.88	2.00	27.14	30.00	
15% Dehydrated Alfalfa Meal	15.00	15.00	5.63	2.00	23.13	30.00	
Beaver Meadow By-Products, Inc. DuBois, Pa.							
Dried Buttermilk	28.56	30.00	7.24	5.00	0.24	0.50	
Dried Buttermilk	32.34	30.00	5.04	5.00	0.14	0.50	
Beck's Feed & Grain, Inc. Kutztown, Pa.							
30% Dairy Concentrate	29.38	30.00	2.67	2.50	8.23	11.00	
16% Dairy Feed	17.63	16.00	2.81	3.00	11.23	11.00	
16% Dairy Feed	18.18	16.00	3.30	3.00	7.23	11.00	
Horse Feed	12.19	10.00	3.25	2.00	6.41	10.00	
Special Laying Mash	21.56	20.00	5.43	4.00	5.33	8.00	
Bedford Farm Bureau Coop. Assn. Bedford, Pa.							
Coarse Scratch	11.38	10.00	2.66	2.00	4.31	5.00	
Corn and Oats Half and Half	11.88	10.00	3.49	3.50	5.34	8.00	
Corn and Oats Half and Half	11.56	10.00	3.64	3.50	5.47	8.00	
Laying Mash	22.44	20.00	2.83	3.00	5.27	8.00	
Laying Mash	21.69	20.00	3.45	3.00	5.44	8.00	
Pig Meal	19.38	17.00	3.90	3.50	4.56	7.50	
Pig Meal	17.94	17.00	4.11	3.50	4.40	7.50	
Sweet Stock Feed	12.38	11.00	2.23	3.00	4.71	7.00	
Sweet Stock Feed	11.11	11.00	2.50	3.00	4.50	7.00	
Bellefonte Feed & Grain Bellefonte, Pa. 16823							
Chick Starter Medicated	20.00	21.00	4.31	3.50	4.48	5.00	+

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Bellefonte Feed & Grain - Continued							
Egg Mash	19.38	20.00	3.82	2.50	3.80	6.50	
Mixed Grains for Poultry	10.94	9.00	3.17	3.00	3.61	6.00	
Pig Meal	14.31	14.00	3.74	3.00	3.73	5.00	
Pullet Developer	16.25	14.50	4.05	3.50	4.02	5.50	
Belleville Flour Mills Company Belleville, Pa.							
20% Chick Starter	23.50	20.00	3.65	3.00	5.41	6.50	
20% Chick Starter	21.88	20.00	3.20	3.00	6.16	6.50	
32% Dairy Concentrate	29.81	32.00	2.02	2.00	6.23	8.50	
32% Dairy Concentrate	30.63	32.00	1.68	2.00	8.06	8.50	
32% Dairy Concentrate	32.69	32.00	2.00	2.00	8.02	8.50	
16% Dairy Feed	14.69	16.00	2.52	2.00	*12.11	11.00	
18% Growing Mash	20.00	18.00	3.06	3.50	5.26	7.00	
Hi-Energy All Mash Layer	16.31	16.00	3.40	3.00	4.33	5.00	
30% Hog Concentrate	29.38	30.00	2.27	1.50	6.60	7.00	
30% Hog Concentrate	32.50	30.00	2.01	1.50	5.97	7.00	
30% Hog Concentrate	31.44	30.00	2.19	1.50	7.14	7.00	
Horse and Mule Feed	11.88	10.00	3.16	2.50	5.55	12.00	
Horse and Mule Feed	11.25	10.00	2.92	2.50	7.60	12.00	
20% Laying Mash	22.50	20.00	3.41	3.00	6.20	7.00	
20% Laying Mash	23.13	20.00	3.66	3.00	4.77	7.00	
20% Laying Mash	22.19	20.00	3.49	3.00	6.73	7.00	
20% Laying Mash	22.81	20.00	3.91	3.00	6.42	7.00	
Pig Meal	16.31	15.00	3.84	2.50	8.45	11.00	
Pig Meal	17.56	15.00	3.21	2.50	7.93	11.00	
36% Poultry Concentrate	36.56	36.00	4.65	3.50	8.08	7.50	
Wheat Middlings	17.63	14.00	4.71	3.00	3.23	12.00	
Wheat Middlings	15.31	14.00	4.32	3.00	4.22	12.00	
C. E. Benfield Company Perkasie, Pa.							
All Mash White Rose Egg Mash	18.13	15.00	3.86	3.00	4.55	5.50	
Scratch Grain	10.63	9.00	2.02	2.00	3.39	4.00	
Wheat Bran	15.88	11.00	3.71	2.00	8.42	12.00	
Wheat Middlings	15.31	11.00	3.84	2.00	4.33	11.00	
Benton Roller Mills Benton, Pa.							
20% Chick Starter & Grower Medicated (B)	20.63	20.00	3.79	3.75	2.68	5.00	+
20% Chick Starter & Grower Medicated (B)	20.69	20.00	3.51	3.75	3.11	5.00	+
18% Dairy Feed	21.56	18.00	3.47	3.50	8.37	10.00	
18% Dairy Feed	21.25	18.00	3.16	3.50	6.57	10.00	
Hog Feed	17.50	17.00	4.42	4.00	3.70	8.00	
Laying Mash 20%	20.31	20.00	3.96	3.50	2.38	4.00	
C. R. Berger Trout Run, Pa.							
Fish Food	37.94	35.00	8.69	5.00	4.26	5.00	
Milk Producer	20.88	20.00	3.05	3.00	9.50	9.00	
20% Protein All Mash	19.38	20.00	4.25	3.50	4.90	7.50	
Berks Farm Bureau Cooperative Assn. Temple, Pa. 19560							
Body Builder Freshening Feed	13.75	12.00	3.12	3.00	8.83	9.00	
Goat Feed	14.10	14.00	2.61	3.00	8.28	10.00	
Horse & Pony Feed	14.40	12.00	*2.49	3.00	5.58	8.00	
Horse & Pony Feed	14.38	12.00	2.90	2.00	6.21	8.00	
13% Pig Feed	14.06	13.00	3.18	3.50	4.43	6.00	
40% Poultry Supplement Medicated	41.25	40.00	5.24	3.00	5.05	8.00	1
40% Poultry Supplement Medicated	40.31	40.00	4.44	3.00	5.29	8.00	+
18% Sow & Pig Feed	20.31	18.00	4.55	3.50	5.37	7.00	
Steer Feed	14.75	13.00	3.62	3.00	6.04	8.00	
B. A. Bernard and Company, Inc. Camden, N. J.							
Cadillac Beef Liver for Dogs			Not Analyzed				M
Cadillac Beef Liver for Dogs			Not Analyzed				M
#Cadillac Beef Liver for Dogs			Not Analyzed				M
Cadillac Beef Liver for Dogs			Not Analyzed				M
Cadillac Beef Liver for Dogs			Not Analyzed				M
Cadillac Beef Liver for Dogs	12.96	11.00	6.71	4.00	0.30	1.00	M
Cadillac Beef Liver for Dogs	12.80	11.00	4.82	4.00	0.11	1.00	M
#Cadillac Beef Liver for Dogs	12.62	11.00	7.09	6.00	0.12	1.00	M
#Cadillac Beef Liver for Dogs	13.11	11.00	4.89	6.00	0.22	1.00	M
Cadillac Chicken & Liver for Cats Only	11.03	8.00	9.12	5.00	0.42	1.00	
Cadillac 5 in 1 for Dogs	9.69	9.00	9.73	6.00	0.37	1.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Bert's Feed and Farm Supply Oakville, Pa.							
Check-R-Mix Hog Finisher No. 1	15.00	14.00	2.21	2.50	4.33	6.00	
Check-R-Mix Hog Finisher No. 1	19.06	14.00	1.73	2.50	5.81	7.00	
Check-R-Mix Laying Feed	18.44	16.00	3.44	3.50	3.76	6.00	
Pig Grower Concentrate	36.56	34.00	4.92	3.00	5.75	6.00	
Best Dog Food Company New York 55, N. Y.							
Beef Dog Food	13.65	13.00	6.77	5.00	0.41	1.00	
Best Feeds & Farm Supplies, Inc. Oakdale, Pa.							
22% Breeder Mash	25.50	22.00	3.82	3.50	5.02	4.75	
C & O Chop	9.06	7.00	3.59	2.50	8.63	11.00	
#C & O Chop	8.44	7.00	2.53	2.50	9.55	11.00	
Hog Feed	16.25	15.00	3.22	3.00	5.84	8.00	
Hog Feed	17.50	15.00	3.92	3.00	6.16	8.00	
Horse Feed	10.07	9.00	2.89	2.00	5.61	9.00	
Joy-Beef-Horsemeat By-Products Seasoning, Corn	*10.91	12.00	*13.00	3.00	0.30	3.00	
Joy Dog Food	*22.63	26.00	9.88	7.00	2.62	5.00	
Joy Kibbled Meal Dog Food	29.50	26.00	*5.98	7.00	2.74	5.00	
#Joy Meat Mix Dog Food	11.35	12.00	*8.73	3.00	0.48	3.00	
My Own Muggs Dog Food	26.25	24.00	*4.49	6.00	2.27	5.00	
My Own Muggs Dog Food	24.81	24.00	5.79	6.00	2.40	5.00	
New Joy Dog Food	10.47	10.00	2.05	2.00	1.08	1.50	
Thrift 32% Dairy Concentrate	31.40	32.00	2.14	2.00	7.97	11.00	
Thrift 32% Dairy Concentrate	*29.25	32.00	4.57	2.00	10.94	11.00	
Thrift Mash	21.25	18.00	3.09	2.50	8.39	9.00	
Unified Complete Ration	17.50	16.00	3.88	3.00	4.54	5.00	
Unified Complete Ration	18.00	16.00	3.76	3.00	4.87	5.00	
Best Foods Division Corn Products Company Buffalo 4, N. Y.							
Kasco Meal Concentrated Dog Food	28.75	25.00	11.49	9.00	2.80	4.00	
J. F. Biesecker & Sons Thomasville, Pa.							
Calf Grower & Horse Feed	10.80	10.00	2.82	3.00	7.25	10.00	
Dog Ration	26.56	24.50	6.21	6.25	3.27	3.50	
Steer Feed	10.75	9.00	2.62	3.00	7.36	12.00	
#Wheat Bran	14.69	14.00	3.56	3.00	8.93	9.00	
Wheat Middlings	16.56	14.00	4.86	3.00	4.91	8.00	
Biglerville Warehouse Company Biglerville, Pa.							
Check-R-Mix Hog Finisher No. 1	16.25	14.00	2.83	2.50	5.45	6.00	
Big Run Milling Company Big Run, Pa.							
Corn and Oats Chop	10.00	9.00	3.41	3.00	5.67	7.00	
Corn, Oats and Molasses Chop	9.69	9.00	3.33	3.00	5.25	7.00	
16% Dairy	15.94	16.00	3.21	3.00	6.85	8.00	
15% Pig Feed Medicated	15.31	15.00	3.36	3.00	3.61	6.00	+
Big Valley Feed and Grain Company Belleville, Pa.							
16% Dairy Feed	18.69	16.00	3.49	2.00	7.63	10.00	
32% Dairy Feed	31.03	32.00	1.07	2.00	8.04	10.00	
Master Made All Mash Layer	17.50	16.00	3.91	3.00	3.90	6.00	
Master Made All Mash Layer	16.06	16.00	3.76	3.00	3.22	6.00	
Master Made All Mash Pullet Developer	17.19	14.50	3.85	3.50	4.08	5.50	
Master Made All Mash Pullet Grower Medicated	15.94	16.50	4.18	3.50	4.52	6.00	+
Master Made Chick Starter Medicated	22.31	21.00	5.35	3.50	4.03	5.00	+
Master Made Complete Calf Feed	15.89	15.00	3.08	3.00	5.66	7.00	
Master Made Egg Mash	19.19	20.00	3.67	2.50	3.71	6.50	
Master Made Hi-Calorie All Mash	17.69	16.50	5.28	4.00	2.43	3.50	
Master Made Hi-Calorie All Mash	17.19	16.50	4.80	4.00	2.96	3.50	
The Birkett Mills Penn Yan, N. Y.							
Buckwheat Feed	*12.94	15.00	*2.91	3.50	18.20	20.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Paul E. Blass Paxinos, Pa.							
16% Dairy Feed	15.69	16.00	3.70	2.00	7.12	9.00	
Master Made Egg Mash	20.44	20.00	4.55	2.50	4.78	6.50	
Master Made Hog Meal	20.31	13.00	4.46	3.50	7.30	6.00	
Master Made Starter Broiler Medicated	25.31	24.00	5.54	6.00	2.97	4.00	+
Master Made Starter Broiler Medicated	24.38	24.00	5.71	6.00	3.14	4.00	+
Blatchford Calf Meal Company Waukegan, Ill.							
#Calfadine	17.89	19.00	2.74	3.00	8.07	9.50	
Calf Pab	25.81	25.00	4.23	3.50	0.97	2.00	
#Calf Pab	26.44	25.00	4.26	3.50	1.07	2.00	
Pablets	25.38	25.00	4.82	2.00	4.77	5.00	
Vitadine Green Label for Poultry Starter & Grower Feeds	32.69	30.00	2.96	2.00	6.29	7.50	
#Wheat Middlings w/Ground Wheat Screenings N.E.M.R.	17.81	15.00	4.61	3.50	7.64	7.50	
#Wheat Red Dog	17.31	16.00	4.22	3.50	3.43	4.00	
Blend and McGinnis Atglen, Pa.							
Calf Grower	17.06	15.00	3.68	3.50	6.05	8.00	
Hi-Calorie All Mash Layer	17.19	17.00	4.73	4.00	2.94	3.50	
Pig and Hog Feed	15.31	15.00	2.90	2.00	5.99	7.00	
Bloomsburg Agway Cooperative, Inc. Bloomsburg, Pa.							
Hog Feed	17.38	16.00	3.90	3.00	6.95	7.00	
Hogger	38.06	40.00	4.37	3.50	7.73	7.50	
Laying Mash Medicated	20.63	20.00	2.97	2.50	4.03	7.00	1
Laying Mash Medicated	21.63	20.00	4.52	2.50	4.24	7.00	1a
Scratch	10.31	9.00	2.49	2.00	2.44	3.00	
Blue River Feed Mills, Inc. Edinburg, Ind.							
#Horse Honey	14.63	12.00	3.11	2.00	*10.43	8.00	
Boardman's Mill Pittsfield, Pa.							
All Mash Layer	17.57	18.00	3.82	4.00	3.96	6.50	
All Mash Layer	19.06	18.00	4.66	4.00	4.76	6.50	
Dairy Feed	20.31	20.00	3.93	3.00	6.42	9.00	
Dairy Feed	20.63	20.00	4.03	3.00	7.56	9.00	
Bohner Feed and Supply Dornsife, Pa.							
Wheat Bran	13.75	13.25	3.45	3.75	11.04	12.00	
Wheat Middlings	15.13	14.50	3.60	3.75	5.65	8.00	
W. H. Bohner Pillow, Pa.							
#All Mash	18.63	16.00	3.80	2.50	3.93	9.00	
Laying Mash	18.13	16.00	3.79	2.50	4.86	9.00	
Pig Meal	16.88	16.00	3.80	2.50	4.53	9.00	
Wheat Middlings	14.56	12.00	3.67	2.00	4.47	9.00	
Boonton Feed & Supply Company, Inc. Boonton, N. J.							
#Wild Bird Seed	11.25	11.00	4.67	3.00	6.20	7.00	
#Wild Bird Seed	10.94	11.00	3.82	3.00	4.76	7.00	
#Wild Bird Seed	11.38	11.00	4.24	3.00	5.69	7.00	
The Borden Company Feed Supplements Division New York 17, N. Y.							
Bospro	30.94	29.00	2.36	1.50	6.66	8.00	
Brandt Mills, Inc. Mifflinville, Pa.							
Master Made All Mash Pullet Grower	16.25	16.50	3.87	3.50	4.91	6.00	
Master Made 20% Egg Mash	21.75	20.00	3.85	2.50	5.83	6.50	
Master Made 20% Egg Mash	20.00	20.00	4.27	2.50	5.77	6.50	
Master Made Pig Meal	16.25	15.00	4.25	3.00	5.73	5.00	
Soft Winter Wheat Bran	14.56	14.00	3.11	3.00	10.57	12.00	
Soft Winter Wheat Middlings	14.69	14.00	3.95	3.75	4.45	6.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Brandt Mills, Inc. Orangeville, Pa.							
18% Dairy Feed	19.06	18.00	3.38	3.00	7.56	9.50	
18% Dairy Feed	19.19	18.00	3.30	3.00	7.95	9.50	
Laying Mash	19.56	20.00	4.21	2.50	4.72	6.00	
Laying Mash	19.38	20.00	3.89	2.50	5.07	6.00	
Pig and Sow Feed	18.13	16.00	4.17	3.00	6.81	9.00	
Pig and Sow Feed	18.44	16.00	4.20	3.00	7.16	9.00	
Soft Winter Wheat Bran	14.44	14.50	3.73	3.50	10.87	12.00	
Soft Winter Wheat Bran	14.38	14.50	3.29	3.50	12.67	12.00	
Soft Winter Wheat Middlings	14.38	14.00	4.07	3.75	3.87	6.00	
Soft Winter Wheat Middlings	15.31	14.00	5.05	3.75	5.79	6.00	
Gurney D. Brandt & Sons Lebanon, Pa.							
Wayne-Mix Hog Meal Medicated	14.69	15.00	2.89	3.00	5.34	6.00	1
Wayne-Mix Hog Meal Medicated	15.94	15.00	3.27	3.00	6.06	6.00	+
Harold C. Brandt Annville, Pa.							
Hi-Cal All Mash Layer	18.13	17.00	4.22	4.50	2.80	3.50	
Winter Wheat Middlings	14.38	15.00	3.52	4.00	4.33	8.00	
Brandt's Warehouse East Berlin, Pa.							
Egg Mash	19.06	18.00	3.69	3.00	4.20	5.00	
Pig and Hog Meal	17.50	16.00	3.47	3.00	6.13	8.00	
Pig and Hog Meal	15.31	16.00	3.19	3.00	5.33	8.00	
A. F. Brandt's Sons Elizabethtown, Pa.							
Meat & Bone Scraps	48.44	50.00	12.49	8.00	2.04	3.00	
Braun Rendering Company, Inc. Baltimore, Md.							
50% Meat & Bone Scrap & Poultry By-Products Meal	53.13	50.00	10.30	8.00	2.26	3.00	
The James Breckenridge Feed Mills, Inc. Mason City, Iowa							
60% Equivalent Protein Dairy & Beef Supplement	57.51	60.00	1.67	3.00	5.46	8.00	
20% Equivalent Protein Dairy Booster Supplement	21.31	20.00	3.39	3.50	2.25	3.00	
Bremco Alfalfa Mills, Inc. New Bremen, Ohio							
Dehydrated Alfalfa Meal	16.25	17.00	2.40	1.50	29.51	27.00	
E. L. Brenner & Son East Earl, Pa.							
16% Pig & Sow Meal	17.19	16.00	2.75	2.00	4.70	7.00	
Briar Creek Mills Briar Creek, Pa.							
Scratching Grains	10.13	8.50	2.82	2.00	3.92	5.00	
Brown & Fassett Tunkhannock, Pa.							
Calf Grower	18.38	16.00	3.49	3.50	5.46	8.00	
Favorite Dry Mash Medicated	20.63	20.00	3.81	4.00	6.03	9.00	+
Seventeen Dairy Feed	18.25	17.00	4.04	4.00	9.64	10.00	
Seventeen Dairy Feed	17.19	17.00	4.07	3.50	10.43	10.00	
Show Horse Special Feed	*10.63	12.00	3.17	3.50	5.66	9.00	
Show Horse Special Feed	11.38	12.00	3.75	3.50	6.11	9.00	
Twenty Special Dairy Feed	20.94	20.00	4.04	4.00	9.10	10.00	
Twenty Special Dairy Feed	21.13	20.00	3.98	4.00	8.69	10.00	
Twenty Special Dairy Feed	20.94	20.00	3.61	3.50	9.65	10.00	
Wow Dogs Delight	27.81	25.00	5.66	4.00	3.65	6.00	
Brown and Rea Atglen, Pa.							
32% Dairy Feed	33.44	32.00	2.29	2.00	8.91	11.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
F. M. Brown's Sons, Inc. Birdsboro, Pa. 19508							
Calf Starter Medicated	19.25	20.00	3.19	3.00	6.22	8.00	
16% Dairy (Correctional Industries Formula)	17.50	16.00	3.96	3.10	5.17	7.10	
Fitting Ration	14.75	14.00	2.71	3.00	7.65	9.00	
Hog Grower-Finisher 3N Pellets Medicated	14.38	14.00	3.63	3.00	4.77	7.00	+
Keto-Lak Pellets Medicated	18.88	16.00	3.26	2.50	5.73	6.00	
Lamb Pellets	13.25	14.00	3.11	3.00	7.62	7.00	
Medicated Bio-Guard	22.63	22.00	4.92	4.00	3.87	4.50	
Medicated Standby-PA	23.13	22.00	5.29	4.00	3.23	4.00	
Pig Starter-Breeder Medicated	16.56	16.00	4.28	3.00	4.44	7.00	
Pig Starter-Breeder WP Pellets Medicated	16.56	16.00	3.75	3.00	4.68	7.00	
44% Protein Soybean Meal, Solvent Extracted	44.06	44.00	0.86	0.50	6.80	7.00	
Wheat Bran	14.50	14.00	3.31	3.50	9.35	10.00	
Wheat Bran	14.50	14.00	3.35	3.50	9.76	10.00	
Bryn Mawr Feed and Seed Company Bryn Mawr, Pa.							
Nature's Own Wild Bird Food	11.56	10.00	8.73	3.50	9.03	9.00	
The Buckeye Cotton Oil Division Buckeye Cellulose Corporation Cincinnati, Ohio							
41% Protein Cottonseed Meal, Solvent Extracted w/Added Hydrolyzed Cottonseed Oil	43.44	41.00	*0.80	2.00	13.23	14.00	
41% Protein Cottonseed Meal, Solvent Extracted w/Added Hydrolyzed Cottonseed Oil	43.13	41.00	3.95	2.00	11.44	14.00	
Buckeye Feed Mills, Inc. Dalton, Ohio							
All-Mash Layer	17.50	16.00	3.57	3.00	3.47	4.00	
All-Mash Layer	18.13	16.00	3.75	3.00	3.02	4.00	
All-Mash Layer	16.94	16.00	3.14	3.00	3.25	4.00	
Brewers Dried Grains	25.00	26.00	5.05	5.00	16.51	18.00	
32% Buckeye Cattle Supplement Pellets	34.06	32.00	2.22	1.50	11.68	12.00	
#33% Buckeye Dairy Concentrate	34.69	33.00	2.44	2.00	9.28	8.50	
Calf Grower	14.50	14.00	3.27	3.00	4.03	8.00	
Chick Grains	10.31	10.00	4.77	2.00	2.60	3.50	
Cob and Molasses Mix	2.25	1.50	2.01	0.50	12.87	15.00	
Cob and Molasses Mix	2.67	1.50	1.60	0.50	12.50	15.00	
Corn and Oats Chop	12.19	10.00	5.02	3.00	6.33	9.00	
#32% Dairy Crumbles	34.69	32.00	2.62	1.00	7.71	10.00	
16% Dairy Feed	19.25	16.00	3.61	2.50	9.70	12.00	
16% Dairy Feed	16.25	16.00	3.39	2.50	10.26	12.00	
16% Dairy Feed	19.69	16.00	3.68	2.50	9.05	12.00	
16% Dairy Feed	20.63	16.00	4.31	2.50	8.17	11.00	
16% Dairy Feed	14.94	16.00	3.52	2.50	8.93	11.00	
16% Dairy Feed	16.88	16.00	3.85	2.50	9.00	11.00	
16% Dairy Feed	15.63	16.00	3.95	2.50	8.73	11.00	
16% Dairy Feed	17.81	16.00	3.73	2.50	8.42	11.00	
32% Dairy Feed	32.25	32.00	2.54	2.00	6.48	8.00	
32% Dairy Feed	34.69	32.00	2.35	2.00	6.35	8.00	
32% Dairy Feed	35.13	32.00	2.84	2.00	6.08	8.00	
32% Dairy Feed	33.44	32.00	2.55	2.00	7.21	8.00	
42% Dairy Mixing Concentrate	*40.71	42.00	1.76	1.50	6.89	8.00	
42% Dairy Mixing Concentrate	43.75	42.00	2.46	1.50	8.43	8.00	
Dog Food	20.00	24.00	6.91	7.00	3.20	5.00	
28% Game Bird Crumbles for Pennsylvania Game Commission	29.50	28.00	3.68	4.00	4.65	4.00	
28% Game Bird Starter Pellets for Pennsylvania Game Commission	29.13	28.00	3.88	4.00	*5.07	4.00	
Hi-Level-Mix Medicated	18.44	18.00	3.87	3.00	6.18	8.50	+
Horse, Mule & Pony Feed	9.69	9.00	2.88	3.00	3.03	9.00	
Horse, Mule & Pony Feed	9.51	9.00	3.29	3.00	3.73	9.00	
Laying & Breeder Mash	20.63	20.00	3.71	3.00	6.71	8.00	
Laying Mash	19.81	20.00	3.65	3.00	6.89	8.00	
Laying Mash	21.75	20.00	4.13	3.00	5.39	8.00	
Laying Mash	21.88	20.00	4.64	3.00	6.76	8.00	
Miracle Starter - Grower Medicated	18.75	16.00	3.48	3.50	4.77	8.00	+
Mustang Horse Feed	10.94	9.00	3.32	3.00	5.73	9.00	
New Wrangler Complete Horse Feed	13.44	13.00	2.53	2.50	16.73	20.00	
16% Pel-Flake Milker	16.69	16.00	2.61	2.50	5.83	9.00	
Pig and Hog Grower	16.88	16.00	3.52	3.00	5.94	6.50	
#Pigeon Feed	*13.13	15.00	2.30	2.50	2.86	3.50	
#Porkmaker	16.88	14.00	5.79	3.00	5.69	7.00	
Porkmaker	16.56	14.00	5.66	3.00	5.49	7.00	
Porkmaker	17.19	14.00	4.88	3.00	6.76	7.00	
Porkmaker	16.25	14.00	4.97	3.00	5.18	7.00	
37% Poultry Concentrate	36.56	37.00	5.20	3.00	6.42	8.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Buckeye Feed Mills, Inc. - Continued							
37% Poultry Concentrate	36.56	37.00	5.20	3.00	6.42	8.00	
37% Poultry Concentrate	38.25	37.00	4.46	3.00	6.11	8.00	
37% Poultry Concentrate	37.81	37.00	5.19	3.00	6.98	8.00	
17% Prosperity All-Mash Layer	17.31	17.00	3.98	3.00	6.12	8.00	
17% Prosperity All-Mash Layer	18.13	17.00	3.98	3.00	6.06	8.00	
16% Prosperity Dairy Feed	16.88	16.00	3.75	2.50	9.77	12.00	
14% Prosperity Hog Meal	16.81	14.00	5.17	3.00	5.41	7.00	
#Pullet Grower & Developer Crumbles Medicated	16.00	15.00	3.47	3.00	8.04	10.00	+
Pullet Grower & Developer Crumbles Medicated	16.38	15.00	2.94	3.00	8.43	10.00	+
Pullet Grower & Developer Mash Medicated	16.63	15.00	3.33	3.00	9.14	10.00	+
Rabbit Pellets	17.50	16.00	3.28	3.00	15.78	18.50	
Rabbit Pellets	16.63	16.00	2.88	3.00	16.04	18.50	
Rabbit Pellets	16.25	16.00	3.11	3.00	16.24	18.50	
Scratch Feed	10.00	9.00	2.60	2.00	2.24	5.00	
Scratch Feed	10.06	9.00	2.86	2.00	2.22	5.00	
Scratch Feed	10.63	9.00	2.94	2.00	2.19	5.00	
35% Sow and Pig Supplement	38.06	35.00	2.99	1.75	6.76	8.50	
30% Special Poultry Supplement	30.31	30.00	5.89	3.00	10.53	8.00	
Starting Mash Medicated	21.88	20.00	3.61	3.50	4.55	7.50	+
40% Swine Supplement	41.88	40.00	3.44	1.75	5.71	8.50	
40% Swine Supplement	39.06	40.00	3.46	1.75	6.15	8.50	
40% Swine Supplement	39.69	40.00	3.38	1.75	6.34	8.50	
Wild Bird Feed	10.13	9.00	4.24	3.00	4.65	6.00	
Wild Bird Feed	10.94	9.00	5.09	3.00	4.22	6.00	
S. S. Buckwalter, Inc. Spring City, Pa.							
Calf Starter	17.81	16.00	3.40	3.00	5.65	6.50	
16% Dairy Feed	16.06	16.00	2.25	2.50	8.67	11.00	
Fitting Feed	12.50	12.00	3.57	3.00	6.93	11.00	
Horse Feed	10.84	10.00	3.43	3.00	6.41	10.00	
Master Made Egg Mash	19.38	20.00	3.65	2.50	3.37	6.50	
Master Made Hi-Calorie All Mash Layer	17.31	17.00	4.47	4.00	2.83	3.50	
Master Made Sow & Pig Feed	17.88	16.00	2.80	3.00	3.23	7.00	
Buddy's Dog & Puppy Food Meadville, Pa.							
Dog and Puppy Food	25.94	24.00	5.30	6.00	2.82	3.00	
W. Atlee Burpee Company Philadelphia 32, Pa. 19132							
Wild Bird Food	12.19	12.00	5.27	8.00	10.00	10.00	
By-Products, Inc. Wilmington, Del.							
Hydrolyzed Poultry Feathers	86.26	85.00	2.55	1.00	0.84	3.00	
Calo Pet Food Company Oakland, Calif.							
Cat Food	10.91	10.00	4.12	3.00	0.90	1.00	
Chicken Parts for Cats and Dogs	12.28	11.00	11.93	9.00	0.12	1.00	
Dog Food	10.19	10.00	3.36	3.00	0.85	1.00	
Kidney and Chicken Parts for Cats and Dogs	12.74	12.00	11.89	8.00	0.46	1.00	
Liver and Chicken Parts for Cats and Dogs	14.31	12.00	9.85	8.00	0.14	1.00	
Liver Flavor Cat Food	10.47	10.00	4.45	3.00	1.00	1.00	
Camden Grain Company Camden, N. J.							
Brewers Dried Grains	23.13	24.00	3.82	4.00	12.66	17.00	
Camp Milling Company, Inc. Walton, N. Y.							
Challenge Dairy	21.25	20.00	3.21	3.00	8.09	11.00	
Challenge Dairy	20.43	20.00	3.04	3.00	6.55	11.00	
#14% Grain Ration	14.97	14.00	3.17	3.50	6.29	7.00	
#Horse Feed	14.81	12.00	*2.18	3.00	7.96	10.00	
Super 16% Dairy Ration	19.48	16.00	*2.65	3.50	6.95	8.00	
Super 16% Dairy Ration	16.86	16.00	3.42	3.50	5.69	8.00	
Super 20% Dairy Ration	20.03	20.00	*2.47	3.50	5.52	8.00	
#Super 20% Dairy Ration	20.53	20.00	3.49	3.50	5.10	8.00	
Campbell's Mill Lewisburg, Pa.							
Check-R-Mix Finisher #2	16.38	12.00	3.93	2.50	4.90	6.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
D. M. Campsey Seed & Feed Claysville, Pa.							
18% Chick Grower	18.25	18.00	4.58	3.75	6.46	7.00	
20% Chick Starter	19.81	20.00	4.94	3.50	5.32	6.50	
16% Dairy Feed	16.31	16.00	2.73	2.50	9.24	11.00	
Canine Caterers, Inc. Paoli, Pa.							
Beef Liver Dog Food	14.13	13.50	5.17	5.00	0.36	1.00	M
Canonsburg Milling Company Canonsburg, Pa.							
Coarse 16% Dairy Feed	16.07	16.00	*1.92	3.00	9.77	12.00	
Master Made Egg Mash	19.69	20.00	3.83	2.50	4.55	6.50	
Master Made Hi-Calorie All Mash Layer	18.44	16.50	4.88	4.00	2.56	3.50	
Special Horse Feed	12.03	10.00	3.01	3.00	5.10	8.00	
Stamm 20% Supplement for Horses	21.38	20.00	2.78	2.50	8.92	9.00	
Canton Agway, Inc. Canton, Pa.							
Fitting Ration	14.69	14.00	3.84	3.50	8.74	10.00	
Capland Grain Company, Inc. Baltimore 22, Md.							
Brewers Dried Grain	*20.94	26.00	3.76	4.00	16.93	17.00	
Brewers Dried Grain	*22.50	24.00	3.60	4.00	15.86	17.00	
Brewers Dried Grain	*21.25	24.00	3.96	4.00	13.19	17.00	
Brewers Dried Grain	*20.75	24.00	3.80	4.00	17.98	17.00	
Brewers Dried Grain	*18.50	24.00	4.09	4.00	15.30	17.00	
Brewers Dried Grain	*21.25	24.00	3.90	4.00	14.89	17.00	
Cargill, Inc. Minneapolis, Minn. 55402							
Dura Bond Feed Pellet Binder	0.75	0.40	0.08	0.21	0.41	0.19	
44% Protein Soybean Oil Meal, Solvent Extracted	45.63	44.00	0.37	0.50	5.62	7.00	
44% Protein Soybean Meal, Solvent Extracted	44.69	44.00	0.72	0.50	7.73	7.00	
Carling Brewing Company Cleveland 6, Ohio							
Brewers Dried Grains	25.63	26.00	4.47	5.00	12.75	15.00	
Carmichael's Milling Company Carmichaels, Pa.							
Master Made Hi-Calorie All Mash Layer w/Pellets	17.56	17.00	4.44	4.00	3.51	3.50	
Master Made Pig & Hog Feed	15.94	14.00	3.35	3.00	4.54	6.00	
Cat Life Packing Company Chicago, Ill. 60603							
Cat Food	14.20	12.00	3.04	2.00	0.62	1.50	
Catawissa Milling Company, Inc. Catawissa, Pa.							
All-Mash Layer	17.94	18.00	4.30	3.50	4.49	4.00	
Chick Starter	19.75	20.00	4.24	3.00	6.45	7.00	
35% Hog Supplement	34.38	35.00	5.82	3.00	7.47	8.00	
Sweet 20% Dairy Feed	21.56	20.00	*2.02	2.80	7.65	10.00	
Central Chemical Corporation Gettysburg, Pa.							
17% All Mash Egg Medicated	17.81	17.00	3.80	3.50	4.24	5.50	+
Farmrite Hog Popper Medicated	16.56	14.00	3.50	3.00	5.46	5.00	+
Central Soya McMillen Feed Division Fort Wayne, Ind. 46802							
All Mash Egg Mash	16.63	16.00	3.29	3.00	4.46	7.00	
16.5% All Mash Layer	16.56	16.50	4.43	4.00	2.25	4.00	
16.5% All Mash Layer	16.63	16.50	3.89	4.00	2.55	4.00	
All Mash Pullet Developer	16.25	14.50	3.69	3.50	5.16	5.50	
All Mash Pullet Developer	15.75	14.50	3.83	3.50	5.37	6.00	
#18% All Mash Turkey Grower 421-06E Medicated	19.31	18.00	3.66	3.50	4.44	5.00	+
Big M Dairy Feed 622 (For Ruminants Only)	17.31	16.00	2.81	3.00	12.14	12.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Central Soya, McMillen Feed Division - Continued							
Big M Dairy Feed (Ruminants Only)	19.38	16.00	3.48	3.00	11.08	12.00	
Blended Fifty	49.13	50.00	1.54	1.00	5.71	6.00	
Blended Fifty	51.75	50.00	0.88	1.00	5.88	6.00	
Blended Fifty	50.00	50.00	1.33	1.00	7.15	6.00	
Bloom 'N Gain Concentrate	40.63	40.00	1.94	1.00	6.74	7.00	
#Bloom 'N Gain Concentrate 765L	39.06	40.00	1.82	1.00	6.25	7.00	
#Bloom 'N Gain Concentrate 765N	41.38	40.00	2.56	1.00	5.51	7.00	
#Broiler Finisher Concentrate	40.00	41.00	10.33	10.00	5.14	5.00	
Broiler Finisher Concentrate 375-18B Medicated	43.19	41.00	9.23	10.00	5.08	5.00	+
#Cage Layer Concentrate	43.13	42.00	6.19	5.00	5.20	5.00	
#Cage Layer Ration	17.50	16.50	4.09	4.00	3.04	4.50	
#17.5% Cage Layer Ration	17.69	17.50	3.55	4.00	4.23	4.50	
15.5% Cage Layer Ration Medicated	19.69	15.50	3.91	4.00	3.69	4.50	+
Calf Mixer	26.25	26.00	3.65	3.00	6.23	6.50	
Calf Mixer	28.50	26.00	3.74	3.00	7.50	6.50	
Calf Mixer	27.44	26.00	3.74	3.00	6.75	6.50	
Calf Starter	19.38	18.00	2.74	3.00	5.24	7.00	
Cattle Blend Concentrate 764K	32.19	32.00	2.02	1.50	12.45	15.00	
Cattle Blend Concentrate 764K	*27.00	32.00	1.19	1.50	15.94	15.00	
#Cattle Blend Concentrate 764L	32.50	32.00	3.24	1.50	14.73	15.00	
Cattle Blend Concentrate 764L	33.44	32.00	3.90	1.50	13.63	15.00	
#Cattle Blend Concentrate 764L-03J Medicated	32.19	32.00	4.38	1.50	12.39	15.00	
Chick Concentrate	38.75	38.00	5.50	4.00	6.07	7.00	
#Chick Concentrate 153-04G Medicated	38.94	38.00	5.23	4.00	6.57	7.00	+
Chick Concentrate 153-04G Medicated	39.69	38.00	5.01	4.00	7.48	7.00	+
#Chick Scratch	9.25	9.00	2.73	2.50	1.34	4.00	
Chick Starter 103-04A Medicated	20.94	21.00	4.09	3.50	4.01	5.00	+
#Complete Lamb Feed	13.44	12.00	2.53	2.50	16.04	18.00	
Complete Rabbit Pellets 961-84E Medicated	15.63	15.00	3.44	2.00	14.04	16.00	+
Complete Rabbit Pellets 961-84E Medicated	16.06	15.00	4.04	2.00	12.92	16.00	+
Complete Rabbit Pellets 961-84E Medicated	16.13	15.00	3.85	2.00	14.02	16.00	+
Complete Rabbit Pellets 961-84E Medicated	15.38	15.00	3.50	2.00	15.10	16.00	+
Complete Rabbit Pellets 961-84E Medicated	15.50	15.00	3.52	2.00	14.80	16.00	+
Complete Turkey Finisher	16.75	15.00	4.25	3.50	4.39	5.00	
Dairy Blender	23.20	24.00	1.68	1.00	11.35	12.00	
38% Dairy Concentrate	38.44	38.00	2.78	0.50	7.85	9.00	
38% Dairy Concentrate	36.88	38.00	3.48	0.50	7.97	9.00	
38% Dairy Concentrate	38.13	38.00	2.32	0.50	9.73	9.00	
38% Dairy Concentrate	37.38	38.00	2.94	0.50	8.77	9.00	
38% Dairy Concentrate	37.50	38.00	3.04	0.50	8.64	9.00	
38% Dairy Concentrate	39.38	38.00	3.03	0.50	7.98	9.00	
38% Dairy Concentrate	40.00	38.00	2.11	0.50	7.54	9.00	
#0.0011% Diethylstilbestrol Mix in Bloom 'N Gain Concentrate 765N-45A Medicated	40.75	40.00	2.78	1.00	4.45	7.00	+
0.0011% Diethylstilbestrol Mix in Bloom 'N Gain Concentrate 765N-45A Medicated	38.81	40.00	1.38	1.00	6.72	7.00	14
0.0011% Diethylstilbestrol Mix in Cattle Blend Concentrate 764-K-37A	31.25	32.00	1.43	1.50	14.52	15.00	+
0.0011% Diethylstilbestrol Mix in Cattle Blend Concentrate 764-K-37A	31.75	32.00	2.42	1.50	13.19	15.00	+
0.0011% Diethylstilbestrol Mix in Gro-Getter Concentrate 767L-37A	41.06	40.00	2.80	1.00	10.26	10.00	+
#0.0011% Diethylstilbestrol Mixture in Gro-Getter Concentrate 767N-37A	43.13	40.00	3.48	1.00	5.12	10.00	+
0.0011% Diethylstilbestrol Mix in Gro-Getter Concentrate 767L-37A	38.75	40.00	2.73	1.00	10.98	10.00	+
0.0011% Diethylstilbestrol Mix in Gro-Getter Concentrate 767L-37A	39.75	40.00	3.61	1.00	9.47	10.00	+
Dog Food	24.56	24.00	*4.55	7.00	2.89	4.50	
Egg Concentrate	42.56	42.00	8.25	6.00	5.33	5.00	
Egg Concentrate	43.13	42.00	8.48	6.00	3.93	5.00	
Egg Concentrate	*34.31	42.00	*4.51	6.00	4.72	5.00	
Egg Concentrate	41.25	42.00	8.23	6.00	3.62	5.00	
Egg Concentrate	40.94	42.00	8.56	6.00	4.58	5.00	
Egg Concentrate	42.50	42.00	8.33	6.00	3.88	5.00	
Egg Concentrate	42.94	42.00	7.12	6.00	5.08	5.00	
Egg Concentrate	41.88	42.00	8.14	6.00	5.07	5.00	
Egglac Pellets	19.69	20.00	3.84	3.50	4.58	5.00	
Egglac Pellets	21.25	20.00	3.66	3.50	4.51	5.00	
Egg Mash	22.00	20.00	4.12	2.50	5.99	7.00	
Egg Mash	19.81	20.00	3.29	2.50	5.75	7.00	
Egg Mash	21.56	20.00	3.86	2.50	6.11	7.00	
Egg Mash	20.94	20.00	3.34	2.50	6.35	7.00	
Egg Mash	21.94	20.00	2.68	2.50	5.93	7.00	
Egg Mash	20.44	20.00	3.14	2.50	7.15	7.00	
Farro-Aid 180 (829-19D) Medicated	16.88	15.00	3.64	2.50	7.14	7.00	+
Farro-Aid 180 (829-19D) Medicated	17.31	15.00	4.57	2.50	6.68	7.00	+
Farro-Aid 180 (829-19D) Medicated	16.56	15.00	3.82	2.50	6.00	7.00	+
#Free Choice Turkey Grower Concentrate	31.06	30.00	3.61	1.50	7.54	8.00	
H. C. All Mash Breeder	18.50	16.50	3.94	4.00	3.37	4.00	
#Hen Scratch	9.38	9.50	*2.33	3.00	2.22	4.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Central Soya, McMillen Feed Division - Continued							
Hi-Bloom Concentrate	32.19	32.00	2.03	1.00	8.53	9.50	
35% Hog Concentrate	37.19	35.00	4.11	1.50	8.25	9.00	
35% Hog Concentrate	35.44	35.00	4.07	1.50	8.06	9.00	
35% Hog Concentrate	34.69	35.00	2.34	1.50	8.64	9.00	
35% Hog Concentrate	36.25	35.00	3.58	1.50	8.11	9.00	
35% Hog Concentrate	38.75	35.00	4.26	1.50	7.69	9.00	
35% Hog Concentrate	36.56	35.00	1.76	1.50	9.40	9.00	
35% Hog Concentrate	35.44	35.00	3.05	1.50	8.44	9.00	
35% Hog Concentrate	33.81	35.00	3.90	1.50	9.32	9.00	
Hog Finisher Concentrate	41.25	40.00	2.86	1.50	6.38	6.00	
H. P. Egg Mash	19.06	18.50	4.54	4.50	4.77	5.00	
#Horse & Pony Pellets	14.83	12.50	2.87	2.50	14.40	18.00	
Horse & Pony Pellets	13.94	12.50	2.74	2.50	15.73	18.00	
Hound Pack	21.25	22.00	7.82	5.00	3.30	5.00	
Hound Pack	23.44	22.00	5.09	5.00	3.19	5.00	
HQ Master Blend Concentrate	37.81	38.00	1.66	0.50	4.99	5.00	
HQ Master Blend Concentrate	39.44	38.00	1.59	0.50	4.86	5.00	
Layer Concentrate	34.69	34.00	2.74	2.50	7.59	8.00	
Layer Concentrate	34.63	34.00	4.74	2.50	4.72	8.00	
Layer Concentrate	32.81	34.00	5.16	2.50	5.48	8.00	
Layer Concentrate	34.69	34.00	4.03	2.50	4.68	8.00	
Layer Concentrate	35.00	34.00	5.12	2.50	4.18	8.00	
Layer Concentrate	33.13	34.00	3.69	2.50	4.99	8.00	
Layer Concentrate	35.31	34.00	4.83	2.50	5.32	8.00	
Layer Concentrate	35.63	34.00	3.44	2.50	4.80	8.00	
Master Blend Concentrate	38.44	38.00	1.98	0.50	5.05	5.00	
Master Blend Concentrate "A" 667-03M Medicated	39.06	38.00	1.74	0.50	5.02	5.00	
#Medicated Baby Pig Creep 801-99A	21.38	20.00	5.48	5.00	2.59	2.50	+
Medicated Pig-Ets 809-82A	16.88	17.00	4.36	3.50	2.75	3.50	
New England 16% Dairy	16.69	16.00	3.93	3.00	8.35	9.00	
#Pacemaker	11.42	10.00	2.11	2.00	8.44	9.00	
Pacemaker	10.00	10.00	2.05	2.00	9.27	9.00	
Pacemaker	11.56	10.00	2.34	2.00	8.61	9.00	
Pacemaker	10.75	10.00	2.33	2.00	8.44	9.00	
Pacemaker	10.25	10.00	2.10	2.00	8.24	9.00	
#Pig Bio-400 Concentrate 878-38B	45.63	45.00	3.51	1.50	4.49	5.00	
#Pig Bio-400 Concentrate 878-38B	44.69	45.00	3.08	1.50	4.26	5.00	
Pig-Ets 809-99A Medicated	16.25	17.00	4.98	3.50	3.05	3.50	+
Pig-Ets 809-99A Medicated	17.81	17.00	4.35	3.50	3.08	3.50	+
Pig-Ets 809-99A Medicated	18.56	17.00	4.41	3.50	3.13	3.50	+
#Pig Grower Concentrate 859C-38A	43.75	42.00	3.18	1.50	4.71	5.00	
Pig Grower Concentrate 859-01B Medicated	42.81	42.00	3.22	1.50	5.32	5.00	+
Pig Grower Concentrate 859-01B Medicated	43.44	42.00	3.44	1.50	4.78	5.00	+
Pig Grower Concentrate 859-01B Medicated	42.81	42.00	3.23	1.50	4.99	5.00	+
Pig Grower Concentrate 859-01B Medicated	44.38	42.00	2.40	1.50	5.77	5.00	+
#Pig Grower Concentrate 859-52B Medicated	42.81	42.00	3.60	1.50	5.48	5.00	+
Pig Wormer 831-31A	18.44	15.00	3.72	3.00	5.16	6.00	
#Poult Starter 401-83A Medicated	27.81	28.00	4.56	4.00	4.28	4.00	+
Poultry Wormer 227-90A	19.69	18.00	3.29	2.50	5.36	5.50	+
Poultry Wormer 227-90A	18.13	18.00	3.81	2.50	4.96	5.50	+
Pullet Concentrate	38.81	36.00	3.87	2.50	7.36	8.00	
Pullet Concentrate	35.00	36.00	3.14	2.50	6.59	8.00	
Pullet Concentrate	37.00	36.00	4.85	2.50	9.14	8.00	
Pullet Concentrate 163-04H Medicated	35.94	36.00	3.51	2.50	7.10	8.00	+
Pullet Concentrate 163-04H Medicated	36.00	36.00	4.69	2.50	7.72	8.00	+
Rabbit Pellets	14.81	15.00	3.45	2.00	13.89	16.00	
#Roaster Finisher 323-18C Medicated	22.81	20.00	5.01	6.00	3.34	4.00	+
Ruma-Bulk	10.28	10.00	1.04	1.00	19.98	22.00	
Ruma-Bulk	11.59	10.00	0.62	1.00	20.85	22.00	
Ruma-Bulk	9.75	10.00	1.09	1.00	20.66	22.00	
Ruma-Bulk	11.56	10.00	1.71	1.00	21.23	22.00	
Sow Concentrate	34.69	34.00	3.25	1.50	8.04	9.00	
Sow Concentrate	35.00	34.00	2.42	1.50	9.67	9.00	
Sow & Pig Concentrate	35.44	36.00	3.51	1.50	9.34	9.00	
Sow & Pig Concentrate	36.25	36.00	3.10	1.50	7.65	9.00	
Sow & Pig Concentrate	35.31	36.00	3.46	1.50	9.39	9.00	
44% Soybean Meal, Solvent Extracted	47.19	44.00	0.77	0.50	6.35	7.00	
44% Soybean Meal, Solvent Extracted	47.19	44.00	0.97	0.50	6.30	7.00	
44% Soybean Meal, Solvent Extracted	43.13	44.00	1.27	0.50	6.24	7.00	
44% Soybean Meal, Solvent Extracted	43.02	44.00	1.10	0.50	7.55	7.00	
44% Soybean Meal, Solvent Extracted	46.25	44.00	0.82	0.50	5.89	7.00	
44% Soybean Meal, Solvent Extracted	48.13	44.00	0.79	0.50	6.64	7.00	
44% Soybean Meal, Solvent Extracted	48.75	44.00	0.98	0.50	5.20	7.00	
44% Soybean Meal, Solvent Extracted	46.56	44.00	0.92	0.50	7.77	7.00	
44% Soybean Meal, Solvent Extracted	44.25	44.00	0.90	0.50	8.39	7.00	
44% Soybean Meal, Solvent Extracted	46.56	44.00	1.02	0.50	6.44	7.00	
44% Soybean Meal, Solvent Extracted	47.81	44.00	0.72	0.50	6.56	7.00	
#32% Steer Mixer 761K	32.63	32.00	2.23	1.50	11.81	13.00	
Sweet Bulk 'N Flakes	11.92	10.00	1.38	1.00	18.31	20.00	
Sweet Bulk 'N Flakes	10.46	10.00	1.09	1.00	18.18	20.00	
Sweet Bulk 'N Flakes	10.46	10.00	1.12	1.00	19.28	20.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Central Soya, McMillen Feed Division - Continued							
Sweet 16% Dairy	18.53	16.00	2.93	2.50	7.21	11.00	
Sweet 16% Dairy	17.00	16.00	*1.91	2.50	14.06	15.00	
Thrifty-Fifty 50% Dehulled Soybean Meal, Solvent Extracted	50.31	50.00	0.77	0.50	3.44	3.00	
Thrifty-Fifty 50% Dehulled Soybean Meal, Solvent Extracted	47.50	50.00	0.47	0.50	3.53	3.00	
Thrifty-Fifty 50% Dehulled Soybean Meal, Solvent Extracted	50.69	50.00	0.90	0.50	3.87	3.00	
Thrifty-Fifty 50% Dehulled Soybean Meal, Solvent Extracted	50.63	50.00	0.69	0.50	2.62	3.00	
Thrifty-Fifty 50% Dehulled Soybean Meal, Solvent Extracted	49.25	50.00	0.48	0.50	4.03	3.00	
Turkey Grower	21.88	20.00	4.15	3.50	4.72	5.00	
Chasitity Hill Farm Ligonier, Pa.							
#Dehydrated Hay Pellets	19.38	17.00	4.12	2.50	21.40	27.00	
Chatham Run Mill Lock Haven, Pa.							
All Mash Layer	17.81	17.00	3.41	3.00	5.18	6.00	
All Mash Layer	17.50	17.00	3.33	3.00	5.91	6.00	
16% Dairy Feed	18.44	16.00	2.24	2.00	8.16	12.00	
Horse & Stock Feed	11.31	10.00	3.20	2.50	5.51	15.00	
Mixed Chop	10.06	9.00	3.37	3.00	4.76	7.00	
Pig & Hog Meal	16.31	15.00	3.17	3.00	4.91	7.00	
Pig & Hog Meal	16.69	15.00	3.59	3.00	4.96	7.00	
Cherven's Industries, Inc. Elma, N. Y.							
#Beef & Beef By-Products Dog Food	15.74	15.00	*11.62	5.00	0.96	1.50	
#Horsemeat & Meat By-Products Dog & Cat Food	16.66	15.00	*10.08	2.00	0.74	1.00	
H. C. Christians Company Chicago, Ill. 60608							
Formula "21"	*19.69	21.00	*28.37	30.00	0.84	---	
Citrus Products Sales Leesburg, Fla.							
Citrus Pulp	6.88	6.00	4.42	2.50	11.98	15.00	
Clarion Farm Bureau Clarion, Pa.							
#Pig Feed	16.88	17.00	2.89	3.00	5.33	7.00	
Scratch Feed	10.63	11.00	2.52	3.00	3.48	4.00	
Clarks Feed Mills Shamokin and Turbotville, Pa.							
Dairy Feed	21.25	18.00	3.32	2.50	7.47	10.00	
Growing Mash Medicated	23.44	21.00	4.22	4.00	4.87	6.50	+
Hog Meal Medicated	19.06	16.00	4.26	3.00	4.97	8.00	+
Horse Feed	13.50	10.00	3.04	3.00	8.66	12.00	
Laying Mash Medicated	22.19	21.00	4.25	4.00	4.49	6.50	+
Laying Mash Medicated	23.75	21.00	4.85	4.00	3.35	6.50	7
Laying Mash Medicated	21.65	21.00	4.16	4.00	4.51	6.50	+
32% Mixing Ration	32.19	32.00	2.61	1.50	9.19	10.00	
32% Mixing Ration	32.06	32.00	2.57	1.50	8.85	10.00	
Roaster Grower Medicated	16.88	16.00	6.13	4.00	2.99	4.00	+
Starter Ration Medicated	23.13	22.00	6.02	5.00	2.75	4.00	+
Starter Ration Medicated	*20.75	22.00	5.48	5.00	3.14	4.00	+
Clinton Corn Processing Company Clinton, Iowa							
#Dex-Mo-Lass	11.56	10.00	0.85	---	5.39	6.00	
Clintondale Mills Mill Hall, Pa.							
Laying Mash	17.94	18.00	3.47	3.50	3.82	7.00	
Mixed Grains	9.81	9.00	2.52	3.00	3.13	5.00	
Wheat Bran	14.38	13.00	2.93	3.00	6.86	9.00	
Wheat Bran	14.50	13.00	2.62	3.00	6.83	9.00	
Wheat Middlings	12.50	12.50	2.28	2.50	2.39	6.00	
Wheat Middlings	12.19	12.50	2.31	2.50	1.89	6.00	
Wheat Middlings	11.94	12.50	1.99	2.50	2.39	6.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Cloverland Dairy Flushing, Ohio							
#Dried Buttermilk Animal Feed	33.17	30.00	*3.82	5.00	0.24	---	
John S. Clymer Quakertown, Pa.							
Check-R-Mix Hog Feed B	15.56	14.00	2.97	2.50	8.64	8.00	
Check-R-Mix Laying Mash LN	20.75	20.00	3.87	3.50	7.31	8.00	
Cochecton Mills, Inc. Cochecton, N. Y.							
#16% Dairy Feed	16.25	16.00	4.25	4.00	8.48	9.00	
16% Dairy Feed	17.81	16.00	4.09	4.00	8.29	9.00	
#20% Dairy Feed	19.25	20.00	3.89	4.00	8.08	9.00	
Fitting Ration	14.69	14.00	3.81	4.00	8.43	9.00	
Cochranton Co-operative Association Cochranton, Pa.							
#Scratch Grains	10.00	9.00	3.24	2.00	3.70	5.00	
Stock Feed	11.25	9.00	4.06	2.50	6.17	8.00	
Codorus and Manheim Farmers Assn. Glenville, Pa.							
Complete Growing Medicated	19.13	15.00	3.66	3.50	4.52	5.50	+
Laying Mash	19.69	20.00	3.58	3.50	3.77	4.00	
A. Coebler, Jr. White House Station, N. J.							
Country Squire Wild Bird Seed	10.63	11.00	4.20	3.00	6.06	7.00	
Country Squire Wild Bird Seed	13.31	11.00	4.29	3.00	6.02	7.00	
Columbus Milling Company Columbus, Pa.							
16% Dairy Ration	18.88	16.00	3.46	2.50	7.05	10.00	
16% Dairy Ration	17.50	16.00	3.19	2.50	7.80	10.00	
20% Dairy Ration	19.38	20.00	3.54	3.00	8.97	9.00	
20% Dairy Ration	21.56	20.00	4.34	3.00	8.82	9.00	
Egg Mash	20.94	20.00	3.64	3.50	5.78	6.00	
Egg Mash	21.25	20.00	4.67	3.50	5.81	6.00	
Fitting Ration	14.69	12.00	3.32	3.50	9.55	9.00	
Fitting Ration	13.75	12.00	3.63	3.50	8.15	9.00	
Consolidated Blenders, Inc. Fremont, Neb.							
#17% Dehydrated Alfalfa Meal w/Animal Fat	18.75	17.00	4.55	1.50	24.00	27.00	
Consolidated Mills, Inc. Blissfield, Mich.							
17% Dehydrated Alfalfa Meal	17.88	17.00	2.65	1.50	25.87	27.00	
17% Dehydrated Alfalfa Meal	17.50	17.00	3.36	1.50	23.65	27.00	
#17% Dehydrated Alfalfa Meal	15.94	17.00	2.58	1.50	27.60	27.00	
13% Suncured Alfalfa Meal	13.75	13.00	1.39	1.50	29.06	33.00	
13% Suncured Alfalfa Meal	12.50	13.00	1.65	1.50	32.00	33.00	
Consolidated Rendering Company Boston, Mass.							
47% Meat and Bone Scrap	46.56	47.00	9.99	6.00	2.53	2.00	
50% Meat and Bone Scrap	52.50	50.00	8.21	6.00	1.87	2.00	
50% Meat and Bone Scrap	49.13	50.00	8.82	6.00	2.03	2.00	
Co-operative Feed Dealers, Inc. Binghamton, N. Y.							
Calf Grower	16.25	16.00	3.81	3.50	6.63	8.00	
Calf Pellets	29.06	26.00	5.61	3.00	6.99	7.00	
Certi-Feed Medicated Formula Base	28.75	26.00	5.50	4.00	4.58	5.00	
#Chunk Style Dog Food	25.75	25.00	8.05	7.00	3.04	4.00	
#Veal Milk Replacer	20.94	20.00	22.99	25.00	0.13	0.20	
Veal Milk Replacer Medicated	22.50	20.00	23.53	25.00	0.34	0.20	
Cooperative G.L.F. Exchange, Inc. Ithaca, N. Y.							
Super Exchange Dairy	20.06	20.00	4.82	4.50	5.96	8.00	
Super-Matic Medicated	17.94	17.00	4.11	4.00	3.25	4.00	+

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Cooperative Mills, Inc. Baltimore, Md. 21203							
#All Mash Laying Ration	18.44	16.00	4.25	3.50	4.20	4.50	
All Mash Laying Ration Medicated	17.19	16.00	4.12	3.50	3.49	4.50	+
All Mash Laying Ration Medicated	18.63	16.00	4.19	3.50	3.87	4.50	+
All Mash Laying Ration Medicated	18.75	16.00	4.12	3.50	1.38	4.50	+
All Mash Laying Ration Medicated	16.88	16.00	4.15	4.00	3.73	4.50	+
All Mash Laying Ration Medicated	16.94	16.00	4.81	3.50	4.24	4.50	+
All Mash Laying Ration Medicated	19.06	16.00	4.60	4.00	4.42	4.50	+
All Mash Laying Ration Medicated	19.38	16.00	5.96	4.00	3.72	4.50	+
15% All Mash Producer	15.94	15.00	3.89	2.00	4.31	5.50	
Beef Supplement	35.08	30.00	2.40	2.00	9.88	12.00	
Beef Supplement	33.75	30.00	1.89	2.00	12.40	12.00	
Beef Supplement	32.63	30.00	2.13	2.00	7.39	12.00	
Beef Supplement	31.88	30.00	2.74	2.00	10.54	12.00	
32% Breeder Supplement Medicated	37.81	32.00	4.30	4.00	5.03	6.50	+
32% Breeder Supplement Medicated	34.38	32.00	4.14	4.00	5.93	6.50	+
44% Broiler Concentrate	42.88	44.00	5.44	4.00	3.33	4.50	
Broiler Maker (A+) Medicated	23.13	22.00	4.76	4.00	2.59	4.00	+
Broiler Maker (A+) Medicated	24.38	22.00	4.84	4.00	2.58	4.00	+
Broiler Maker (A+) Medicated	23.75	22.00	6.33	4.00	3.74	4.00	+
Broiler Maker Finisher	22.81	18.00	5.90	4.00	3.22	4.00	
Caged Layer Ration	17.75	16.00	4.65	3.50	3.36	4.00	
Caged Layer Ration	21.44	16.00	4.26	3.50	3.20	4.00	
Caged Layer Ration	18.13	16.00	4.04	3.50	3.94	4.00	
Caged Layer Ration	16.88	16.00	4.84	4.00	3.83	4.00	
Calf Developer	19.44	18.00	4.66	4.00	5.39	8.00	
Calf Developer	17.46	18.00	3.77	4.00	5.20	8.00	
Calf Developer	17.24	18.00	4.68	4.00	4.75	8.00	
Calf Developer	17.89	18.00	4.34	4.00	4.82	8.00	
Calf Developer	19.17	18.00	4.73	4.00	5.40	8.00	
Calf Developer	17.89	18.00	4.41	4.00	4.94	8.00	
Calf Developer	17.04	18.00	4.56	4.00	5.19	8.00	
Calf Developer	17.41	18.00	5.13	4.00	5.90	8.00	
Calf Developer	19.15	18.00	5.29	3.50	5.36	8.00	
Calf Maker	30.13	28.00	5.52	5.00	1.38	2.50	
Calf Pellets	26.44	25.00	4.08	3.00	5.01	7.00	
Calf Pellets C	26.25	25.00	4.75	3.00	5.72	7.00	
Chick Scratch	9.75	9.00	1.54	2.00	1.61	3.00	
Chick Scratch	9.50	9.00	1.75	2.00	1.58	3.00	
Co-Lass Mix	5.75	5.00	0.17	0.50	14.64	18.00	
Co-Lass Mix	6.25	5.00	0.22	0.50	15.20	18.00	
Co-Lass Mix	6.56	5.00	0.22	0.50	16.44	18.00	
Co-Lass Mix	6.69	5.00	0.51	0.50	17.09	18.00	
Co-Lass Mix	6.69	5.00	0.21	0.50	15.49	18.00	
Co-op-Aid Medicated	22.19	20.00	5.08	4.00	3.37	4.50	
Corn and Oats Half and Half	14.44	10.00	*3.30	4.00	7.55	8.00	
Corn Gluten Feed	22.81	21.00	1.49	1.00	7.89	10.00	
Crimped Oats	13.13	12.00	3.88	3.50	9.91	12.00	
Crunchy Pellets	21.50	16.00	3.32	2.50	12.51	15.00	
Crunchy Pellets	18.44	16.00	3.43	2.50	10.49	15.00	
38% Dairy Supplement	38.42	38.00	1.12	0.75	14.00	15.00	
38% Dairy Supplement	36.90	38.00	0.70	0.75	15.14	15.00	
38% Dairy Supplement	40.43	38.00	0.70	0.75	7.99	15.00	
38% Dairy Supplement	38.44	38.00	1.69	0.75	12.00	15.00	
38% Dairy Supplement	38.19	38.00	3.06	0.75	11.29	15.00	
38% Dairy Supplement	38.13	38.00	3.57	0.75	12.67	15.00	
16% Dari-Flo	17.81	16.00	3.43	3.00	4.59	5.00	
16% Dari Krunch	17.63	16.00	3.83	2.50	7.15	10.00	
16% Dari Krunch	23.75	16.00	3.50	2.50	6.70	10.00	
16% Dari Krunch	18.75	16.00	3.18	2.50	7.79	10.00	
16% Dari Krunch	18.56	16.00	3.48	2.50	7.21	9.00	
Dari-Las	15.24	12.00	2.63	2.25	8.24	14.00	
Dari-Las	14.59	12.00	2.48	2.25	10.66	14.00	
Dari-Las	14.13	12.00	2.87	2.25	13.93	14.00	
Dari-Las	12.81	12.00	2.48	2.25	12.99	14.00	
0.0011% Diethylstilbestrol Mixture in 30% Beef Maker	35.75	30.00	2.34	2.00	9.29	12.00	+
0.0022% Diethylstilbestrol Mixture in Pro-Blend "50"	51.56	50.00	3.15	3.00	4.19	6.00	+
0.0022% Diethylstilbestrol Mixture in Pro-Blend "50"	49.38	50.00	4.53	3.00	4.88	6.00	+
16% Emergency Dairy Feed	17.00	16.00	3.18	2.50	3.81	6.00	
Fitting Feed	15.69	14.00	3.73	2.50	8.19	10.00	
Fitting Feed	17.19	14.00	3.67	2.50	7.94	10.00	
Fitting Feed	15.75	14.00	3.49	2.50	7.82	10.00	
Fitting Feed	14.75	14.00	3.31	2.50	8.75	10.00	
Fitting Feed	15.81	14.00	3.20	2.50	7.34	10.00	
Growing Mash	18.44	17.50	4.22	3.50	4.32	6.50	
Growing Mash	19.06	17.50	3.66	3.50	3.35	6.50	
Growing Mash	24.38	17.50	3.96	3.50	3.31	6.50	
Growing Mash	18.25	17.50	4.18	3.50	4.40	6.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Cooperative Mills, Inc. - Continued							
Growing Mash	21.06	17.50	4.01	3.50	4.07	6.50	
Growing Mash	18.44	17.50	4.11	3.50	4.41	6.50	
Growing Mash	19.06	17.50	4.09	3.50	4.84	6.50	
Hi-Gro-Blend Pig Supplement Medicated (HG)	40.63	38.00	3.61	2.00	5.59	7.50	+
Hi-Gro-Blend Pig Supplement Medicated (HG)	39.38	38.00	4.81	2.00	6.35	7.50	+
Hi-Gro-Blend Pig Supplement Medicated (HG)	36.38	38.00	3.32	2.00	5.67	7.50	+
Horse and Pony Feed	13.25	11.00	3.67	3.00	5.34	7.00	
Horse and Pony Feed	12.50	11.00	3.67	3.00	5.67	7.00	
Horse and Pony Feed	12.88	11.00	2.68	3.00	5.19	7.00	
Intermediate Scratch	10.63	9.00	3.80	2.00	4.46	4.50	
Lamb-Ets Medicated	15.31	12.00	2.79	2.00	16.46	18.00	
LPS (A Liquid Protein Supplement for Ruminants Only)	32.82	33.00	---	---	---	---	
LPS (A Liquid Protein Supplement for Ruminants Only)	34.61	33.00	---	---	---	---	
LPS (A Liquid Protein Supplement for Ruminants Only)	33.99	33.00	---	---	---	---	
LPS (A Liquid Protein Supplement for Ruminants Only)	*30.01	33.00	---	---	---	---	
16% Milk Maker	17.44	16.00	4.33	2.50	7.73	10.00	
16% Milk Maker	16.25	16.00	3.05	2.50	8.41	10.00	
16% Milk Maker	17.12	16.00	2.75	2.50	7.15	10.00	
16% Milk Maker	16.88	16.00	3.31	2.50	7.99	10.00	
16% Milk Maker	15.69	16.00	3.48	2.50	6.29	10.00	
16% Milk Maker	17.29	16.00	2.99	2.50	8.12	9.00	
16% Milk Maker	16.88	16.00	3.10	2.50	9.47	10.00	
16% Milk Maker	17.19	16.00	3.05	2.50	9.84	9.00	
16% Milk Maker	17.56	16.00	3.19	2.50	8.02	10.00	
16% Milk Maker	17.81	16.00	3.48	2.50	7.03	10.00	
20% Milk Maker	20.00	20.00	3.94	2.50	7.56	10.00	
20% Milk Maker	19.69	20.00	3.42	2.50	7.43	10.00	
20% Milk Maker	19.65	20.00	3.46	2.50	7.43	10.00	
20% Milk Maker	20.63	20.00	3.99	2.50	8.14	10.00	
20% Milk Maker	22.44	20.00	4.03	2.50	7.41	10.00	
20% Milk Maker	21.25	20.00	4.02	2.50	7.88	10.00	
24% Milk Maker	23.75	24.00	3.45	2.50	7.27	10.00	
24% Milk Maker	24.06	24.00	3.44	2.50	7.71	10.00	
24% Milk Maker	24.38	24.00	3.66	2.50	7.59	10.00	
24% Milk Maker	24.63	24.00	3.12	2.50	7.98	10.00	
32% Milk Maker	35.63	32.00	2.99	2.20	6.27	10.00	
32% Milk Maker	33.57	32.00	2.57	2.20	6.08	10.00	
32% Milk Maker	33.13	32.00	2.85	2.20	6.67	10.00	
32% Milk Maker	30.94	32.00	3.05	2.20	7.29	10.00	
32% Milk Maker	31.82	32.00	2.19	2.20	6.03	10.00	
32% Milk Maker	31.25	32.00	3.03	2.20	8.83	10.00	
32% Milk Maker	32.45	32.00	2.56	2.20	6.99	10.00	
32% Milk Maker	31.56	32.00	3.43	2.20	6.83	10.00	
32% Milk Maker	31.25	32.00	3.35	2.20	7.22	10.00	
32% Milk Maker	30.69	32.00	2.94	2.20	7.75	10.00	
32% Milk Maker	35.31	32.00	2.84	2.20	7.76	10.00	
32% Milk Maker	34.81	32.00	3.18	2.20	8.04	10.00	
32% Milk Maker	32.81	32.00	3.44	2.20	8.34	10.00	
32% Milk Maker	32.81	32.00	3.25	2.20	6.21	10.00	
#Multi-Blend "32"	34.06	32.00	3.28	2.00	8.91	12.00	
Pig Aid Medicated	18.75	18.00	3.65	4.00	2.62	3.00	+
Pig Developer Medicated	20.63	16.00	3.87	3.50	4.38	5.00	+
Pig Developer Medicated (HG)	19.06	16.00	4.14	3.50	3.93	5.00	+
#Pig Starter Medicated	19.38	18.00	4.36	3.50	2.38	4.50	+
Pig Starter Medicated	17.56	18.00	4.22	3.50	2.45	4.50	+
Pig Starter Medicated (HG)	19.38	18.00	4.29	3.50	2.68	4.50	+
Pork Maker	13.81	12.00	4.21	3.50	4.67	5.00	
Pork Maker	15.38	12.00	4.81	3.50	4.16	5.00	
Pork Maker	15.00	12.00	4.42	3.50	3.91	5.00	
Pork Maker	14.06	12.00	4.82	3.50	3.91	5.00	
Pork Maker	14.38	12.00	4.96	3.50	4.64	5.00	
Pork Maker	14.06	12.00	4.58	3.50	4.06	5.00	
40% Poultry Supplement Medicated	40.00	40.00	4.90	3.00	4.09	5.50	+
40% Poultry Supplement Medicated	39.81	40.00	5.69	3.00	4.22	5.50	+
40% Poultry Supplement Medicated	41.88	40.00	5.41	3.00	3.95	5.50	+
40% Poultry Supplement Medicated	41.31	40.00	4.51	3.00	4.15	5.50	+
40% Poultry Supplement Medicated	40.00	40.00	4.63	3.00	3.70	5.50	+
40% Poultry Supplement Medicated	41.88	40.00	4.71	3.00	4.33	5.50	+
40% Poultry Supplement Medicated	42.50	40.00	4.87	3.00	4.18	5.50	+
40% Poultry Supplement Medicated	39.13	40.00	4.78	3.00	3.67	5.50	1
40% Poultry Supplement Medicated	42.50	40.00	4.65	3.00	3.53	5.50	+
Pro-Blend "50"	50.51	50.00	3.03	3.00	4.67	6.00	
Pro-Blend "50"	51.56	50.00	4.34	3.00	5.39	6.00	
Pro-Blend "50"	49.72	50.00	3.24	3.00	4.30	6.00	
Pro-Blend "50"	53.44	50.00	4.77	3.00	4.28	6.00	
Pro-Blend "50"	51.88	50.00	2.87	3.00	5.00	6.00	
Pro-Blend "50"	50.31	50.00	6.85	3.00	4.88	6.00	
Pro-Blend "50"	51.88	50.00	2.97	3.00	5.52	6.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Cooperative Mills, Inc. - Continued							
Pullet Developer	16.88	15.00	4.69	3.50	4.19	6.00	
Pullet Developer	17.56	15.00	4.92	3.50	4.58	6.00	
Pullet Developer Medicated (A)	16.44	15.00	4.07	3.50	3.95	6.00	+
Pullet Developer Medicated (A)	16.56	15.00	5.14	3.50	3.65	6.00	+
Rabbit Maker Medicated	21.56	18.00	3.37	2.50	6.11	10.00	+
Rabbit Maker Medicated	19.38	18.00	3.57	2.50	5.76	10.00	+
Rabbit Maker Medicated	19.00	18.00	3.58	2.50	5.90	10.00	+
Rabbit Maker Medicated	20.00	18.00	3.44	2.50	6.16	10.00	+
Rabbit Maker Medicated	18.31	18.00	3.56	2.50	6.25	10.00	+
Rabbit Maker Medicated	19.06	18.00	3.57	2.50	6.83	10.00	+
Red Ranger Dog Food	25.00	24.00	8.14	8.00	3.75	5.00	
Red Ranger Dog Food	22.81	24.00	8.65	8.00	3.18	5.00	
Red Ranger Dog Food	22.81	24.00	8.63	8.00	3.86	5.00	
Screened, Degermed, Coarse Cracked Corn	8.75	8.00	3.59	1.50	1.59	2.50	
38% Sow and Pig Supplement Medicated	41.88	38.00	4.37	2.00	6.72	7.50	+
38% Sow and Pig Supplement Medicated	39.69	38.00	3.43	2.00	4.80	7.50	+
38% Sow and Pig Supplement Medicated	39.06	38.00	3.17	2.00	5.57	7.50	+
38% Sow and Pig Supplement Medicated	41.25	38.00	3.35	2.00	5.47	7.50	+
38% Sow and Pig Supplement Medicated	41.25	38.00	3.36	2.00	5.33	7.50	+
38% Sow and Pig Supplement Medicated	40.94	38.00	3.31	2.00	5.03	7.50	+
38% Sow and Pig Supplement Medicated	40.63	38.00	3.58	2.00	6.24	7.50	+
38% Sow and Pig Supplement Medicated	38.44	38.00	3.16	2.00	6.09	7.50	+
38% Sow and Pig Supplement Medicated	41.13	38.00	3.62	2.00	6.04	7.50	+
38% Sow and Pig Supplement Medicated	38.88	38.00	4.49	2.00	6.07	7.50	+
38% Sow and Pig Supplement Medicated	37.94	38.00	4.22	2.00	6.04	7.50	+
38% Sow and Pig Supplement Medicated	43.13	38.00	5.16	2.00	6.12	7.50	+
38% Sow and Pig Supplement Medicated	41.38	38.00	4.40	2.00	5.77	7.50	+
38% Sow and Pig Supplement Medicated	39.19	38.00	2.83	2.00	5.55	7.50	+
38% Sow and Pig Supplement Medicated	39.75	38.00	3.12	2.00	5.41	7.50	+
38% Sow and Pig Supplement Medicated	38.56	38.00	5.70	2.00	7.96	7.50	+
Special Coarse Scratch	11.44	9.00	3.55	2.00	5.03	5.00	
Special Coarse Scratch	11.25	9.00	2.72	2.00	4.22	5.00	
Special Coarse Scratch	11.56	9.00	3.37	2.00	3.95	5.00	
Starting and Growing Mash Medicated (A)	23.75	20.00	4.20	3.00	4.41	6.00	+
Starting and Growing Mash Medicated (A)	21.25	20.00	4.27	3.00	4.55	6.00	+
Starting and Growing Mash Medicated (A)	20.94	20.00	3.62	3.00	4.90	6.00	+
Starting and Growing Mash Medicated (A)	23.56	20.00	4.07	3.00	4.98	6.00	+
Starting and Growing Mash Medicated (A)	21.25	20.00	4.03	3.00	4.60	6.00	+
Starting and Growing Mash Medicated (A)	22.50	20.00	4.47	3.00	4.79	6.00	+
Starting and Growing Mash Medicated (AM)	21.44	20.00	4.79	3.00	4.72	6.00	+
Stock Starter Pellets	25.50	25.00	3.51	3.00	5.23	7.00	
Stock Starter Pellets	25.75	25.00	4.56	3.00	5.13	7.00	
Super Laying Mash Medicated	22.19	22.00	4.69	3.00	3.48	5.00	+
Super Laying Mash Medicated	22.19	22.00	3.57	3.00	3.76	5.00	+
Super Laying Mash Medicated	23.75	22.00	3.63	3.00	3.70	5.00	+
Super Laying Mash Medicated	22.19	22.00	3.85	3.00	3.39	5.00	+
Super Laying Mash Medicated	25.50	22.00	4.88	3.00	3.39	5.00	+
Super Laying Mash Medicated	21.06	22.00	5.28	3.00	3.63	5.00	+
Super Laying Mash Medicated	21.38	22.00	4.70	3.00	3.92	5.00	+
Super Laying Mash Medicated	21.88	22.00	3.92	3.00	4.00	5.00	+
Super Laying Mash Medicated	22.81	22.00	3.61	3.00	3.96	5.00	+
Super Laying Mash Medicated	23.13	22.00	3.85	3.00	3.86	5.00	+
Super Laying Mash Medicated	24.38	22.00	3.75	3.00	3.38	5.00	+
Super Laying Mash Medicated	24.06	22.00	4.29	3.00	2.89	5.00	+
Super Laying Mash Medicated	23.13	22.00	4.37	3.00	4.19	5.00	+
Super Laying Mash Medicated	23.75	22.00	4.25	3.00	3.98	5.00	+
Super Laying Mash Medicated	23.13	22.00	5.01	3.00	3.75	5.00	+
Sweet Stock Feed	11.79	11.00	2.35	2.50	6.01	7.50	
Sweet Stock Feed	11.27	11.00	2.62	2.50	5.29	7.50	
Sweet Stock Feed	12.88	11.00	3.22	2.50	5.48	7.50	
Sweet Stock Feed	11.05	11.00	2.73	2.50	4.20	7.50	
Sweet Stock Feed	11.38	11.00	2.67	2.50	5.05	7.50	
Sweet Stock Feed	11.42	11.00	3.24	2.50	4.80	7.50	
Sweet Stock Feed	12.50	11.00	3.19	2.50	5.30	7.50	
Trophy Winner Horse Feed	14.97	12.00	2.62	2.25	7.09	10.00	
Turkey Starter Medicated (A)	24.88	24.00	6.19	4.00	3.07	4.00	+
Turkey Starter Medicated (A)	25.94	26.00	4.35	4.00	3.44	4.00	+
Wheat Middlings & Ground Wheat Screenings	16.06	15.00	3.95	3.00	7.31	9.50	
XTR-Aid Medicated	24.38	22.00	4.34	4.00	3.23	4.50	+
Corn Products Company New York, N. Y.							
21% Corn Gluten Feed	21.56	21.00	1.25	1.00	9.92	10.00	
21% Corn Gluten Feed	24.38	21.00	1.52	1.00	9.48	10.00	
21% Corn Gluten Feed	22.44	21.00	1.22	1.00	8.76	10.00	
21% Corn Gluten Feed	22.50	21.00	1.32	1.00	9.25	10.00	
21% Corn Gluten Feed	20.63	21.00	1.14	1.00	10.19	10.00	
21% Corn Gluten Feed	24.19	21.00	1.56	1.00	8.54	10.00	
21% Corn Gluten Feed	23.75	21.00	1.57	1.00	8.70	10.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Cornplanter's Industries, Inc. Warren, Pa. 16365							
Wild Bird Feed	12.94	10.00	6.38	6.00	7.03	8.00	
Correctional Industries Camp Hill, Pa.							
Pencor Calf Starter	20.94	20.00	2.54	2.70	4.49	6.60	
Pencor 16% Dairy	15.75	16.00	3.05	3.10	6.33	7.10	
Pencor Hog Finisher	14.88	14.00	4.25	4.00	3.41	4.50	
Pencor Sow Gestation	15.19	14.00	4.05	3.50	9.18	11.50	
Country Belle Cooperative Farmers Pittsburgh, Pa.							
#Dried Skim Milk	34.77	32.00	*0.52	2.00	0.18	None	
Country Best Foods-Agway, Inc. Ithaca, N. Y.							
#Big Red Canned Ration Dog Food	10.49	10.00	2.68	1.50	0.52	1.00	
Big Red Chicken Parts Dog Food	11.06	10.00	7.43	4.00	0.66	1.00	
#Big Red Horsemeat & Meat By-Products Dog Food	11.92	11.50	5.52	4.00	0.28	1.00	
Meow Cat Food	*8.29	10.00	2.12	2.00	0.45	1.00	
Strike Fish Feed	39.94	36.00	4.63	5.00	3.32	5.00	
Strike Fish Feed (3 Crumbles)	46.88	45.00	*4.92	6.00	1.36	2.00	
Strike Fish Feed (3/16 Pellets)	39.75	36.00	*3.98	5.00	2.66	5.00	
Cove Dehydrating Plant Martinsburg, Pa.							
Dehydrated Alfalfa Meal w/1% Animal Fat	19.06	17.00	3.55	2.50	27.30	27.00	
Cresson Feed Mill, Inc. Creeson, Pa.							
Corn & Oats Chop	11.88	9.00	3.61	3.50	5.45	10.00	
Corn & Oats Chop	11.06	9.00	3.63	3.50	6.02	10.00	
Corn & Oats w/Molasses	10.94	9.00	3.22	3.50	6.04	10.00	
Corn & Oats w/Molasses	10.63	9.00	3.50	3.50	5.38	10.00	
Scratch Feed	9.88	9.00	2.49	2.00	3.18	5.00	
Scratch Feed	10.56	9.00	2.77	2.00	2.71	5.00	
W. S. Crock & Sons Nicholson, Pa.							
16% Dairy Ration	15.63	16.00	3.74	3.50	7.58	9.00	
16% Dairy Ration	17.50	16.00	3.81	3.50	7.17	9.00	
20% Dairy Ration	20.63	20.00	3.61	3.50	8.43	9.00	
14% Fitting Ration	14.69	14.00	2.88	3.00	6.58	9.00	
Crowley Milk Company, Inc. Binghamton, N. Y.							
Powdered Skim Milk	35.53	30.00	0.38	0.25	0.19	0.05	
Crown Prince Pet Food Company North Platte, Neb.							
Cat Food	12.33	11.00	*6.08	2.00	0.57	1.50	
Cat Food	11.36	11.00	*7.31	2.00	0.77	1.50	
Cumberland Valley Cooperative Assn. Shippensburg, Pa.							
32% Dairy Concentrate	30.50	32.00	1.77	1.70	9.06	8.00	
32% Dairy Concentrate	32.19	32.00	2.62	1.70	9.02	8.00	
32% Dairy Concentrate	31.56	32.00	3.38	1.70	9.50	8.00	
50% Dairy Concentrate	51.25	50.00	2.26	2.00	11.33	10.50	
#Dog Food	26.25	24.00	9.82	7.00	3.34	3.50	
Egg Mash	21.38	20.00	5.42	3.50	4.14	8.00	
#36% Hog Concentrate	37.50	36.00	5.36	3.00	5.58	8.00	
#40% Steer Feed Supplement Medicated	40.63	40.00	3.17	1.50	9.64	8.00	+
Superior Dairy Ration	16.56	18.00	2.31	2.00	7.04	9.00	
Curry Supply Company Curryville, Pa.							
Pep-Mix 16% Dairy Feed	15.44	16.00	5.04	2.00	5.20	8.00	
Pep-Mix 16% Dairy Feed	16.69	16.00	2.17	2.00	6.43	8.00	
Pep-Mix Hog Finisher	15.63	13.00	2.72	2.50	4.87	5.00	
Pep-Mix Hog Finisher	14.06	13.00	3.16	2.50	4.29	5.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
John K. Curry Sons Palmyra, Pa.							
Dairy V. M. P. No. 1	39.19	34.00	*4.27	6.00	6.11	9.50	
#Dairy V. M. P. No. 1	31.88	34.00	3.22	3.50	7.31	9.50	
Dairy V. M. P. No. 6	29.69	30.00	3.84	3.50	4.91	6.50	
#36% Poultry Concentrate	37.25	36.00	3.57	2.50	6.08	8.00	
Pride Starter Medicated	20.31	20.00	3.58	3.00	4.59	5.50	+
Curry's Coal & Feed Supplies Hershey, Pa.							
Egg Mash Medicated	20.94	20.00	4.17	3.50	*5.52	4.50	+
Dad's Dog Foods, Inc. Meadville, Pa.							
Cat Food	9.73	10.00	1.55	2.00	1.26	1.50	
Cat Food	9.75	10.00	1.43	2.00	1.38	1.50	
Chicken & Chicken Parts for Dogs & Cats	11.25	11.00	11.45	8.00	0.10	1.50	
Chicken & Chicken Parts for Dogs & Cats	14.50	11.00	*13.57	8.00	0.29	1.50	
Chunx	25.13	24.00	8.60	6.00	3.35	3.00	
Dog Food	9.73	10.00	2.15	2.00	1.61	1.50	
Dog Food	*9.02	10.00	2.57	2.00	1.33	1.50	
Dog Meal	24.75	25.00	7.15	6.00	2.92	3.00	
Econ-O-Mets	23.44	22.00	5.55	5.00	4.15	4.00	
Real Liv'N	12.26	13.00	4.71	3.00	1.39	1.50	
Dad's Products Company Meadville, Pa.							
Beef Chunx & Beef By-Products for Dogs & Cats	12.61	13.00	8.81	9.00	0.47	1.00	
Beef Chunx & Beef By-Products for Dogs & Cats	*11.82	13.00	12.62	9.00	0.49	1.00	
Beef Chunx & Beef By-Products for Dogs & Cats	12.94	13.00	*15.21	9.00	0.36	1.00	
Cat Food	9.09	10.00	1.45	2.00	1.44	1.50	
Chunx Dog Food	24.69	24.00	10.60	6.00	3.57	3.00	
Dog Food	9.64	10.00	2.69	2.00	1.39	1.50	
Dog Food	25.38	25.00	5.47	6.00	3.03	3.00	
Horsemeat Chunx & Meat By-Products for Dogs & Cats	12.51	13.00	8.24	6.00	0.70	1.00	
Horsemeat Chunx & Meat By-Products for Dogs & Cats	12.08	13.00	*15.82	6.00	0.39	1.00	
Horsemeat Chunx & Meat By-Products for Dogs & Cats	*11.17	13.00	*14.92	6.00	0.45	1.00	
Daffin Manufacturing Company Division of Daffin Corporation Lancaster, Pa.							
Ruminant Premix	4.69	3.00	1.35	1.00	*8.41	6.00	
Darling & Company McKees Rocks, Pa.							
Meat & Bone Scrap	*47.31	50.00	9.66	6.00	2.61	3.00	
Meat & Bone Scrap	*43.69	50.00	7.99	6.00	2.10	3.00	
Meat & Bone Scrap	47.81	50.00	11.55	6.00	2.64	3.00	
Meat & Bone Scrap	53.13	50.00	6.10	6.00	2.46	3.00	
Meat & Bone Scrap	50.94	47.00	7.73	6.00	2.49	3.00	
Meat & Bone Scrap	50.94	47.00	8.56	6.00	1.67	3.00	
Davis Feed Mill Rushland, Pa.							
Laying Mash	20.75	20.00	3.51	3.50	6.83	7.00	
Dawnwood Farms Amenia, N. Y.							
Milk Replacer	24.06	25.00	6.25	6.00	1.04	1.00	
#Milk Replacer	27.19	25.00	6.03	6.00	1.06	1.00	
Dawnson Cotton Oil Company Dawson, Ga.							
#50% Protein Peanut Meal	52.63	50.00	5.16	3.00	4.03	7.00	
Dean & Lee Horseheads, N. Y.							
Complete Calf Starter	20.00	19.00	2.97	3.00	7.15	9.00	
Complete Calf Starter	19.81	19.00	3.05	3.00	8.02	9.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Dean & Lee - Continued							
#Complete Rabbit Pellets	20.00	16.50	3.57	3.00	11.52	14.00	
Corn & Oats	10.00	9.00	3.99	3.50	5.28	10.00	
Dairy Ration 16	17.23	16.00	3.62	3.50	7.44	8.50	
Dairy Ration 16	20.00	16.00	4.20	3.50	8.34	8.50	
Dairy Ration 18	*15.05	18.00	3.70	3.50	6.61	8.50	
Dairy Ration 18	20.00	18.00	4.66	3.50	8.24	8.50	
Dairy Ration 20%	19.23	20.00	3.60	3.50	6.65	10.00	
Dairy Ration 20%	21.75	20.00	3.49	3.50	6.31	10.00	
Dairy Ration 20%	20.38	20.00	4.19	3.50	8.87	8.50	
Dairy Ration 20%	21.56	20.00	3.99	3.50	7.83	8.50	
Dairy Ration 30	30.25	30.00	*1.98	3.00	5.69	8.50	
Fitting Ration 14	16.56	14.00	3.52	3.50	7.97	10.00	
Fitting Ration 14	17.50	14.00	3.36	3.50	7.54	10.00	
Growing Mash	20.94	20.00	3.55	3.50	5.97	7.50	
Hog Ration	20.63	17.00	4.63	3.50	9.39	10.00	
Hog Ration	20.50	17.00	5.10	3.50	7.88	10.00	
Scratch Grains	10.00	10.00	2.87	2.50	2.66	4.00	
Decatur Cotton Oil Company Decatur, Ala.							
#41% Protein Cottonseed Meal, Prime Quality	40.38	41.00	3.89	2.00	11.39	13.00	
Deep Run Packing Company, Inc. Dublin, Pa.							
Big Bet Dog Food	7.85	8.00	2.70	2.00	1.04	1.50	
Big Bet Dog Food	7.53	8.00	2.52	2.00	1.44	1.50	
DeGroft Feed & Farm Supply Littlestown, Pa.							
Hog Grower	16.63	15.50	4.38	3.50	3.49	6.50	
20% Laying Mash	21.88	20.00	4.32	3.00	4.81	7.00	
#20% Laying Mash	21.56	20.00	5.18	3.00	3.85	7.00	
Deibert Feed Service Bedford, Pa.							
Corn & Oats Chop	10.94	9.00	3.34	3.00	5.64	8.50	
Corn & Oats Chop	11.56	9.00	3.75	3.00	5.85	8.50	
Hen Scratch	11.38	10.00	2.44	3.00	2.54	6.00	
Hen Scratch	10.44	10.00	2.38	2.50	2.99	6.00	
High Producer Layer	20.63	20.00	3.36	3.50	3.55	6.50	
16% Hogmaker	17.81	16.00	2.80	3.00	5.19	8.00	
Horse Feed	13.13	10.00	2.65	3.00	5.83	9.00	
18% Pig & Hog	19.06	18.00	3.74	3.00	5.40	6.50	
Delaware Milling Company, Inc. Deposit, N. Y.							
Fitting Ration	14.77	14.00	2.93	3.00	5.85	8.50	
Delphos Soya Products Company Delphos, Ohio							
44% Protein Soybean Meal, Solvent Extracted	48.81	44.00	0.53	0.50	5.63	7.00	
44% Protein Soybean Meal, Solvent Extracted	47.44	44.00	0.42	0.50	5.33	7.00	
44% Protein Soybean Meal, Solvent Extracted	46.88	44.00	0.62	0.50	6.01	7.00	
44% Protein Soybean Meal, Solvent Extracted	48.44	44.00	0.90	0.50	4.61	7.00	
L. J. Denlinger Company Paradise, Pa.							
Master Made Fitting Feed	13.08	12.00	2.80	3.00	9.31	9.00	
Master Made Pig Grower Medicated	16.13	15.50	3.93	3.00	2.80	3.50	+
Denmandale Farms Cortland, Ohio							
17% Dehydrated Alfalfa Meal	16.44	17.00	2.43	1.70	23.51	27.00	
Derstine's Hatchery & Feed Harleysville, Pa.							
Fitting Ration	12.81	12.00	2.80	2.50	6.68	8.00	
14% Hep All Mash Laying Ration	18.31	14.00	3.48	3.50	3.02	5.00	
Detrich Elevator Williamson, Pa.							
Check-R-Mix Hog Finisher No. 2	13.56	12.00	3.02	2.50	5.18	6.00	
Check-R-Mix Laying Mash	22.81	22.00	4.32	3.50	4.08	7.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
DeWald's Mill Bloomsburg, Pa.							
Chick Starter & Grower Medicated	21.50	20.00	3.78	3.00	5.31	7.00	+
Chick Starter & Grower Medicated	20.94	20.00	4.90	3.00	6.60	7.00	+
Dairy 16%	19.06	16.00	3.40	3.00	8.59	11.00	
Dairy 16%	14.69	16.00	2.89	3.00	7.47	11.00	
Laying Mash	19.13	20.00	4.35	3.00	5.43	7.00	
Pig & Hog Meal	17.31	16.00	4.12	3.50	5.63	8.00	
Pig & Hog Meal	17.56	16.00	4.18	3.50	6.00	8.00	
Diamond Milling Company, Inc. New Brighton, Pa.							
Master Made All Mash Pullet Grower Medicated	17.50	16.50	4.37	3.50	5.79	6.00	+
#Master Made Chick Starter Medicated	21.25	21.00	4.23	3.50	4.36	5.00	+
Master Made Complete Layer Ration	15.94	15.00	3.53	3.50	3.25	5.00	
Master Made 16% Dairy Feed	17.19	16.00	2.31	2.50	9.79	10.00	
Master Made 20% Dairy Feed	20.24	20.00	1.83	2.00	7.13	10.00	
Master Made 20% Dairy Feed	21.88	20.00	2.45	2.00	8.55	10.00	
Master Made Layer Mash	20.63	20.00	4.02	2.50	4.48	6.50	
Master Made Layer Mash	20.31	20.00	4.44	2.50	4.74	6.50	
Master Made Layer Mash w/Pellets	20.81	20.00	3.61	2.50	4.49	6.50	
Master Made Pig & Hog Meal	17.13	16.00	3.00	3.00	4.66	6.50	
Master Made Pullet Grower Medicated	18.44	18.00	4.44	3.50	5.06	7.00	15
M. Arthur Diehl & Son Shippensburg, Pa.							
Lay Mash Medicated	16.88	16.00	5.85	3.00	2.70	4.00	+
Pork Maker	14.69	15.00	3.71	2.50	3.35	3.50	
Dietrich & Gambrill, Inc. Frederick, Md.							
Broiler Finishing Ration Medicated	20.31	19.00	6.20	5.00	2.94	3.50	+
Broiler Finishing Ration Medicated	20.94	19.00	5.95	5.00	3.05	3.50	+
32% Dairy Feed	31.25	32.00	1.91	2.00	7.18	9.00	
Grower-Layer Concentrate	34.69	34.00	4.41	4.00	3.95	7.00	
Hog Feed Supplement	39.69	36.00	2.54	2.00	7.00	10.00	
#Hog Feed Supplement	35.63	36.00	2.80	2.00	7.06	10.00	
Laying Mash	23.75	20.00	4.43	4.00	4.74	5.50	
Laying Mash	21.44	20.00	4.97	4.00	4.05	5.50	
#Medicated Fix-etts	21.56	20.00	5.31	4.00	3.50	5.00	
Medicated Super Fix-Ett	23.06	22.00	4.67	5.00	2.75	3.50	
Roaster Maker Medicated	17.81	15.00	5.80	5.00	3.28	3.50	+
Scratch Feed	10.94	9.00	2.99	2.50	3.07	5.00	
Special Broiler Mash Medicated	*20.56	22.00	5.58	5.00	2.80	3.50	+
Special Broiler Mash Medicated	23.44	22.00	5.24	5.00	2.56	3.50	+
Dietrich's Milk Products Reading, Pa.							
#Spray Non Fat Dry Skim Milk Solids	35.41	32.00	0.49	0.50	0.22	0.25	
Dover Milling Company Dover, Ohio							
Wheat Bran	15.63	13.00	4.01	3.00	9.20	12.00	
Wheat Bran	14.69	13.00	3.74	3.00	9.75	12.00	
Wheat Bran	16.31	13.00	4.30	3.00	8.71	12.00	
Wheat Bran	16.88	13.00	4.08	3.00	8.86	12.00	
Wheat Bran	15.31	13.00	3.79	3.00	9.56	12.00	
Wheat Bran	15.63	13.00	3.68	3.00	9.68	12.00	
Wheat Bran	15.31	13.00	3.78	3.00	9.50	12.00	
Wheat Middlings w/Ground Wheat Screenings N.E.M.R.	17.19	14.00	4.33	3.50	5.65	9.00	
Wheat Middlings w/Ground Wheat Screenings N.E.M.R.	18.13	14.00	4.69	3.50	6.39	9.00	
Wheat Middlings w/Ground Wheat Screenings N.E.M.R.	16.25	14.00	4.78	3.50	6.19	9.00	
Dow Brewery, Ltd. Montreal, Canada							
#Dried Brewers Yeast	43.44	40.00	0.96	1.00	0.73	3.50	
Dowagiac Milling Company Dowagiac, Mich.							
#Winter Wheat Bran	16.25	12.00	3.03	3.00	9.12	11.00	
#Winter Wheat Bran	15.75	12.00	3.33	3.00	9.45	11.00	
The Dow Chemical Company Midland, Mich.							
	Zoalene						
Zoamix	24.87	25.00					+

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Doyle Packing Company, Inc. of New Jersey Long Branch, N. J.							
Strongheart Meat Flavored Cat Food	11.26	9.00	3.23	2.00	1.30	1.50	
F. A. Drake's Son Cambridge Springs, Pa. 16403							
Laying Mash	20.94	20.00	3.92	2.50	4.96	6.50	
W. H. Dreibelbis Sons, Inc. Shoemakersville, Pa.							
Wheat Bran	15.94	12.00	2.89	3.00	8.86	11.50	
Wheat Middlings	16.00	12.50	4.25	3.00	2.86	6.00	
Dublin Milling Company Dublin, Pa.							
16% Dairy Feed	16.56	16.00	3.18	3.00	9.97	10.00	
16% Hog Feed	16.25	16.00	3.52	3.00	6.77	8.00	
Starter & Grower Mash Medicated	20.75	20.00	4.11	3.00	6.75	8.00	+
DuBois Brewing Company DuBois, Pa.							
Brewers Dried Grains	25.31	24.00	4.50	5.00	16.28	17.00	
Brewers Dried Grains	26.88	24.00	5.81	5.00	16.42	17.00	
Duffy & Harris Harrisville, Pa.							
Double G Egg Mash	21.56	20.00	4.13	4.00	5.58	7.50	
DunWin Company South Williamsport, Pa.							
Aroma-Pep Animal	4.13	4.44	7.78	8.41	0.31	0.79	
Aroma-Pep Animal	4.19	4.44	8.92	8.41	0.41	0.79	
Aroma-Pep Poultry	4.50	4.81	6.11	6.16	0.33	0.78	
Aroma-Pep Poultry	4.38	4.81	6.57	6.16	0.45	0.78	
Dutchman Feed Mills, Inc. Stevens, Pa.							
38% Dairy Blender	41.25	38.00	1.76	0.50	4.80	4.00	
Universal Grower Medicated	18.75	17.00	3.29	3.00	3.84	6.00	17a
Universal Grower Medicated	17.81	17.00	3.42	3.00	3.70	6.00	+
East Berlin Flour & Feed Mills, Inc. East Berlin, Pa.							
All Hog Medicated	*12.19	14.00	3.39	3.00	3.73	6.00	+
Custom 44	48.88	44.00	3.26	2.00	*9.65	7.00	0
Hog Supplement Medicated	36.38	36.00	6.45	3.00	5.50	7.00	+
Laying Mash Medicated	20.00	20.00	4.43	4.00	3.31	5.00	7
Laying Mash Medicated	19.88	20.00	4.38	4.00	3.66	5.00	+
32% Mixing Ration	33.81	32.00	2.86	2.00	8.57	9.00	
32% Mixing Ration	32.04	32.00	2.75	2.00	8.82	9.00	
Poultry Concentrate Medicated	36.25	34.00	6.59	6.00	5.81	8.00	+
#Pullet Developer	15.94	15.00	4.02	3.00	6.03	8.00	
Eastern Retailer Owned Grocers Coop., Inc. New York, N. Y.							
Dog Food	9.64	8.00	2.44	2.00	1.32	1.50	
Eastern States Farmers' Exchange, Inc. West Springfield, Mass.							
Champion	14.11	14.00	2.78	2.50	5.13	7.00	
Class Leader	15.88	14.00	3.75	3.00	6.15	8.00	
Fifty-Mix	48.75	50.00	2.78	1.00	6.42	7.00	
Fulpail	20.94	20.00	4.47	3.00	7.04	8.00	
Gro-Bits Medicated	19.69	16.00	5.07	3.50	4.74	5.00	+
Lay-Bits Medicated	17.31	16.00	5.11	3.50	3.36	4.00	+
Minuteman-Medicated	26.56	24.00	6.98	5.00	2.72	4.00	
Pacemaker Medicated	21.56	20.00	4.45	4.00	3.11	4.00	+
Tastibulk	10.73	9.50	2.78	2.00	6.77	10.00	
Turkey Starter F Medicated	29.38	28.00	3.89	3.00	3.20	4.00	+
Ebersole Brothers Bainbridge, Pa. 17502							
Meat & Bone Scraps	50.31	45.00	9.11	8.00	2.13	3.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Eby's Mill, Inc. Lititz & R. D. 1, Manheim, Pa.							
#All Mash Layer	16.88	16.50	4.38	4.00	2.62	3.00	
All Mash Layer	17.19	17.00	4.58	4.50	2.38	3.50	
All Mash Layer	16.88	16.50	4.62	4.00	2.24	3.00	
#Chick Starter Medicated	21.25	21.00	4.27	3.50	3.97	5.00	+
Laying Mash	23.00	22.00	5.69	4.50	2.58	3.50	
Pullet Grower Medicated	17.56	18.00	4.01	3.50	3.83	6.00	+
V-A Special Medicated	22.81	20.00	5.45	3.00	4.10	4.00	
Eckhart Milling Company Chicago, Ill.							
Wheat Bran	16.25	14.00	*2.82	3.50	10.56	12.00	
Wheat Middlings w/Ground Wheat Screenings	16.88	15.00	3.51	4.00	7.07	9.50	
Wheat Middlings w/Ground Wheat Screenings	17.31	15.00	3.82	4.00	7.49	9.50	
E. B. Eisenhart East Berlin, Pa. 17316							
Master Made Egg Mash	20.31	20.00	3.76	2.50	4.07	6.50	
Elizabeth Milling Company, Inc. Elizabeth, Pa. 15037							
Mixed Grains	10.13	9.00	2.95	2.50	2.55	7.00	
Wild Bird Food	11.19	11.00	4.02	4.00	5.11	9.00	
E. L. M. Feed Stores Greencastle, Pa.							
Dairy Special	18.44	15.00	3.59	2.50	8.10	10.00	
Hen Scratch	10.31	9.50	3.06	2.50	3.23	5.00	
Hog Ration	14.69	15.00	*2.98	3.50	4.39	9.00	
Nutri-Nip Vealer Milk Replacer	23.75	24.00	19.50	22.00	1.10	0.75	
Elverson Supply Company Elverson, Pa. 19520							
Chick Grower Medicated	16.25	16.00	3.51	3.00	4.27	6.00	+
Chick Starter Medicated	22.19	20.00	4.24	3.50	3.63	5.50	+
32% Dairy Feed	33.64	32.00	*1.01	1.50	4.84	7.00	
32% Dairy Feed	35.00	32.00	2.00	1.50	4.75	7.00	
Egg Popper Ration	15.31	14.00	3.36	3.00	4.04	6.00	
Fitting Ration	17.19	14.00	2.41	2.00	5.40	9.00	
Emco Mills Emlenton, Pa. 16031							
Corn & Oats Chop	12.25	9.50	4.57	2.50	6.48	7.50	
Eggmaker	19.69	20.00	4.72	3.50	4.92	7.00	
14% Porkmaker	14.56	14.00	3.34	3.00	6.16	5.00	
Samuel Entrot & Son Uniondale, Pa.							
Fitting Ration	15.94	12.00	3.95	3.50	8.49	10.00	
Special Formula Calf Grower	18.87	20.00	2.54	3.00	6.23	9.00	
Special Formula 16% Dairy Ration	21.06	16.00	4.86	4.50	6.07	7.50	
Special Formula 20% Dairy Ration	20.31	20.00	5.13	4.50	5.45	7.50	
Tasty Flake 20% Dairy Ration	20.20	20.00	*2.76	3.50	5.66	8.00	
Tasty Flake 20% Dairy Ration	21.25	20.00	3.79	3.50	7.58	8.00	
X-tra Energy 16% Dairy Ration	18.44	16.00	4.48	3.00	5.81	6.00	
X-tra Energy 20% Dairy Ration	20.31	20.00	4.98	3.00	5.20	6.00	
Erie Alfalfa Mills, Inc. Erie, Mich.							
#Dehydrated Alfalfa Meal	17.13	17.00	2.72	1.50	24.99	27.00	
The Erie Brewing Company Erie, Pa.							
Brewers Spent Grain	5.80	3.50	0.89	1.00	3.18	5.00	
Erie-Crawford Dairy Coop. Assn. Erie, Pa.							
Chop Feed	12.19	9.00	3.47	3.00	7.00	10.00	
Dairy Feed	20.94	18.00	4.21	3.50	7.79	10.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Erie-Crawford Dairy Coop. Assn. - Continued							
Dairy Feed	20.31	18.00	4.02	3.50	7.64	10.00	
Dairy Feed	19.38	18.00	3.75	3.50	6.92	10.00	
Hog Feed	17.50	16.00	3.44	3.00	5.47	10.00	
Hog Feed	17.50	16.00	4.56	3.00	7.08	10.00	
Mash	18.75	18.00	4.38	3.00	6.53	10.00	
Scratch Feed	9.06	9.00	2.79	3.00	4.14	8.00	
Erie Reduction Company Erie, Pa.							
Meat & Bone Meal	44.38	45.00	11.66	10.00	2.11	2.00	
Meat & Bone Meal	43.75	45.00	10.14	10.00	2.05	2.00	
John W. Eshelman & Sons Lancaster, Pa.							
#Cage Egg Maker	18.44	17.00	4.85	4.00	5.27	6.50	
Corn Gluten Feed	21.88	21.00	1.89	1.00	9.18	10.00	
Corn Gluten Feed	22.06	21.00	1.08	1.00	9.84	10.00	
Corn Gluten Feed	23.13	21.00	1.91	1.00	8.84	10.00	
41% Cottonseed Meal, Solvent Extracted	43.69	41.00	3.16	0.50	11.81	13.00	
0.0011% Diethylstilbestrol Mix in Red Rose Beef Cattle Supplement	33.13	32.00	2.16	2.00	7.38	9.50	+
Egg Maker	18.50	16.00	4.76	4.00	6.70	6.50	
Egg Maker	16.56	16.00	5.62	4.00	6.53	6.50	
Lancaster 16 Dairy Feed	16.88	16.00	2.48	2.50	12.26	13.50	
Lancaster 16 Dairy Feed	21.69	16.00	2.84	2.50	11.62	13.50	
Lancaster 20 Dairy Feed	19.19	20.00	3.23	2.50	10.27	13.00	
Lancaster 24 Dairy Feed	26.56	24.00	2.80	2.25	11.37	12.50	
Lancaster 24 Dairy Feed	25.63	24.00	2.64	2.25	11.19	12.50	
Lancaster Horse Pellets	12.19	12.50	3.25	2.00	15.75	18.00	
Lancaster 42% Mixing Supplement	45.00	42.00	1.86	1.00	6.68	8.00	
Lancaster 42% Mixing Supplement	41.88	42.00	1.65	1.00	8.23	8.00	
Lancaster 42% Mixing Supplement	44.50	42.00	2.06	1.00	7.84	8.00	
Lancaster 42% Mixing Supplement	44.19	42.00	1.94	1.00	7.39	8.00	
Lancaster Sweet Mix	7.11	5.00	0.74	1.00	19.42	20.00	
Pennsy 16 Dairy Feed	17.50	16.00	2.41	2.50	15.04	15.00	
Pennsy 16 Dairy Feed	18.56	16.00	2.68	2.50	13.81	15.00	
Pennsy 16 Dairy Feed	16.25	16.00	2.70	2.50	15.35	15.00	
Pennsy Laying Mash	22.69	20.00	3.94	3.00	6.52	7.50	
Pennsy Laying Mash	20.50	20.00	2.93	3.00	6.87	7.50	
Private Blend Dog Food	23.44	23.00	6.45	6.00	3.68	5.50	
Red Rose Beef Cattle Supplement	33.13	32.00	1.57	2.00	8.40	9.50	
Red Rose Breeder Supplement	36.75	36.00	6.94	7.00	4.89	7.50	
Red Rose Breeder Supplement	36.06	36.00	7.45	7.00	5.17	7.50	
Red Rose Calf Starter	20.63	18.00	4.53	4.00	8.09	7.50	
Red Rose Calf Starter	21.25	18.00	3.83	4.00	7.03	7.50	
Red Rose Chick Grains	10.94	9.00	3.64	2.00	2.40	3.00	
Red Rose Chick Starter Medicated (110-E)	24.69	22.00	3.77	4.00	4.38	4.50	+
Red Rose Complete Growing Ration	17.81	16.00	*3.20	4.00	5.23	6.00	
Red Rose Complete Growing Ration	15.31	16.00	4.41	4.00	5.23	6.00	
Red Rose Complete Laying Ration	18.00	16.00	4.08	4.00	4.89	5.00	
Red Rose Complete Laying Ration	17.25	16.00	5.01	4.00	4.99	5.00	
Red Rose Complete Laying Ration	15.56	16.00	4.11	4.00	5.65	5.00	
Red Rose Complete Laying Ration	18.13	16.00	3.93	4.00	5.21	5.00	
Red Rose Complete Laying Ration	16.88	16.00	5.04	4.00	4.91	5.00	
Red Rose Complete Laying Ration	16.56	16.00	4.16	4.00	5.03	5.00	
Red Rose Complete Turkey Finisher	17.25	16.00	4.21	4.00	5.31	6.00	
Red Rose Complete Turkey Grower	25.00	20.00	3.89	4.00	5.36	5.50	
Red Rose 16 Dairy Feed	18.13	16.00	*2.66	3.50	9.02	9.50	
Red Rose 16 Dairy Feed	17.19	16.00	*2.94	3.50	8.34	9.50	
Red Rose 16 Dairy Feed	18.44	16.00	*2.86	3.50	7.76	9.50	
Red Rose 16 Dairy Feed	17.25	16.00	*3.03	3.50	7.33	9.50	
Red Rose 16 Dairy Feed	15.31	16.00	3.33	3.50	8.33	8.50	
Red Rose 16 Dairy Feed	18.13	16.00	3.45	3.50	9.67	8.50	
Red Rose 16 Dairy Feed	18.88	16.00	3.37	3.50	8.39	8.50	
Red Rose 16 Dairy Feed	17.81	16.00	3.36	3.50	8.49	8.50	
Red Rose 18 Dairy Feed	18.71	18.00	*2.81	3.25	8.98	9.00	
Red Rose 20 Dairy Feed	20.75	20.00	2.79	3.00	8.31	9.50	
Red Rose 24 Dairy Feed	25.00	24.00	2.77	2.50	8.61	9.50	
Red Rose 32% Dairy Supplement	32.19	32.00	2.58	2.00	8.17	9.00	
Red Rose 32% Dairy Supplement	33.69	32.00	2.51	2.00	8.31	9.00	
Red Rose 32% Dairy Supplement	30.62	32.00	1.52	2.00	7.85	9.00	
Red Rose 32% Dairy Supplement	31.27	32.00	1.63	2.00	7.58	9.00	
Red Rose 32% Dairy Supplement	32.19	32.00	1.99	2.00	8.39	9.00	
Red Rose 32% Dairy Supplement	31.00	32.00	*1.58	2.00	7.33	9.00	
Red Rose 32% Dairy Supplement	33.25	32.00	2.74	2.00	9.05	9.00	
Red Rose 32% Dairy Supplement	32.81	32.00	2.66	2.00	8.99	9.00	
Red Rose 32% Dairy Supplement	32.81	32.00	2.18	2.00	8.22	9.00	
Red Rose 32% Dairy Supplement	32.63	32.00	2.76	2.00	8.61	9.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
John W. Eshelman & Sons - Continued							
Red Rose 32% Dairy Supplement	31.25	32.00	2.29	2.00	9.64	9.00	
Red Rose Dog Nuggets	24.38	24.00	10.14	6.00	3.64	3.50	
Red Rose Dog & Puppy Food	25.50	23.00	7.52	7.00	2.85	4.50	
Red Rose Duck Grower & Breeder (Pelleted)	23.75	20.00	4.33	4.00	6.09	6.00	
Red Rose Egg Maker	17.44	16.00	5.33	4.00	6.20	6.50	
Egg Maker	18.44	16.00	5.22	4.00	5.44	6.50	
Red Rose Fish Food	37.38	37.00	5.45	3.50	4.85	6.00	
Red Rose Fitting Ration	15.94	12.00	3.70	3.50	6.58	8.50	
Red Rose Fitting Ration	13.18	12.00	3.33	3.50	7.22	8.00	
Red Rose Goat Ration	14.81	14.00	3.41	3.50	6.40	8.50	
Red Rose Ground Corn & Oats	10.00	9.00	3.64	3.00	6.42	9.00	
#Red Rose Growing Ration Medicated 113-D	18.63	16.00	6.34	4.00	5.39	6.00	+
Red Rose Hog Supplement	38.13	40.00	4.35	3.50	6.85	7.50	
Red Rose Hog Supplement	*36.94	40.00	4.67	3.50	7.81	7.50	
Red Rose Hog Supplement	40.00	40.00	4.45	3.50	5.43	7.50	
Red Rose Hog Supplement	39.06	40.00	4.40	3.50	8.05	7.50	
Red Rose Horse Feed	9.81	9.00	3.13	3.00	3.47	8.00	
Red Rose Horse Feed	10.02	9.00	3.58	3.00	4.02	8.00	
Red Rose Laying Mash	22.00	20.00	4.70	4.00	5.21	5.50	
Red Rose Laying Mash	22.81	20.00	4.14	4.00	5.99	5.50	
Red Rose Laying Mash	19.06	20.00	3.91	4.00	5.21	5.50	
Red Rose Laying Mash	21.00	20.00	3.89	4.00	5.98	5.50	
Red Rose Laying Mash	20.00	20.00	5.02	4.00	5.06	5.50	
Red Rose Medicated T-C Feed	25.88	22.00	3.34	4.00	4.65	5.00	
Red Rose Medicated T-C Feed	24.38	22.00	5.40	4.00	4.35	5.00	
Red Rose Medicated T-C Feed	23.13	22.00	4.91	4.00	4.28	5.00	
Red Rose Milk Replacer	20.94	21.00	8.52	8.00	0.53	1.00	
Red Rose Pig & Sow Meal	18.00	16.00	3.98	3.50	5.32	6.00	
Red Rose Pig & Sow Supplement	36.63	35.00	4.01	3.50	7.72	7.50	
Red Rose Pig Starter Pellets Medicated (610-A)	19.06	18.00	5.31	5.00	3.01	4.00	
Red Rose Porkmaker	17.81	14.00	4.34	3.50	5.80	7.00	
Red Rose Porkmaker	16.25	14.00	4.03	3.50	6.00	7.00	
Red Rose Porkmaker	16.94	14.00	4.34	3.50	6.47	7.00	
Red Rose Poultry Supplement	39.50	36.00	6.70	7.00	5.95	7.50	
Red Rose Poultry Supplement	34.69	36.00	8.21	7.00	6.30	7.50	
Red Rose Poultry Supplement	37.50	36.00	6.87	7.00	6.33	7.50	
Red Rose Poultry Supplement	35.00	36.00	8.74	7.00	7.36	7.50	
Red Rose Poultry Supplement	38.44	36.00	8.05	7.00	4.41	7.50	
Red Rose Poultry Supplement	35.63	36.00	8.17	7.00	4.69	7.50	
Red Rose Poultry Supplement	35.31	36.00	7.64	7.00	4.75	7.50	
Red Rose Poultry Supplement	38.44	36.00	7.41	7.00	5.03	7.50	
Red Rose Poultry Supplement	38.13	36.00	7.41	7.00	5.30	7.50	
Red Rose Poultry Supplement	36.69	36.00	7.55	7.00	7.14	7.50	
Red Rose Rabbit Pellets	17.19	16.00	3.42	2.50	13.10	15.50	
Red Rose Rabbit Pellets	16.56	16.00	3.43	2.50	11.11	15.50	
Red Rose Rumenator	17.81	16.00	5.22	5.50	6.29	7.00	
Red Rose Rumenator	17.13	16.00	6.59	5.50	7.30	7.00	
Red Rose Rumenator Pellets	17.50	16.00	5.99	5.50	6.63	7.00	
Red Rose Rumenator Pellets	17.81	16.00	6.54	5.50	6.40	7.00	
Red Rose Scratch Grains	10.00	9.00	2.95	2.00	3.74	4.00	
Red Rose Scratch Grains	10.00	9.00	2.44	2.00	2.75	4.00	
Red Rose Scratch Grains	10.94	9.00	3.13	2.00	3.15	4.00	
Red Rose Starter & Grower Medicated (111-E)	23.44	20.00	4.69	4.00	6.32	6.00	+
Red Rose Starter & Grower Medicated (111-E)	20.94	20.00	3.65	4.00	5.11	6.00	+
Red Rose Starter & Grower Medicated (111-E)	21.44	20.00	4.85	4.00	5.80	6.00	+
Red Rose Starter & Grower Medicated (111-E)	21.25	20.00	4.40	4.00	6.95	6.00	+
Red Rose Starter & Grower Medicated (111-E)	20.94	20.00	4.59	4.00	5.92	6.00	+
Red Rose Starter & Grower Medicated (111-E)	21.25	20.00	4.65	4.00	5.34	6.00	+
Red Rose 14 Test-Cow Feed	14.54	14.00	*3.21	4.00	5.59	7.50	
Red Rose 14 Test-Cow Feed	14.11	14.00	4.17	4.00	6.48	7.50	
Red Rose 14 Test-Cow Feed	14.82	14.00	*3.31	4.00	5.40	7.50	
Red Rose 14 Test-Cow Feed	14.53	14.00	*3.30	4.00	5.46	7.50	
Red Rose 14 Test-Cow Feed	14.72	14.00	3.66	4.00	5.36	7.50	
Red Rose 14 Test-Cow Feed	15.06	14.00	4.28	4.00	6.28	7.50	
Red Rose Worming Pellets w/Piperazine Phosphate	15.31	16.00	3.92	4.00	4.67	5.00	+
44% Soybean Meal, Solvent Extracted	45.31	44.00	1.04	0.50	5.54	7.00	
Wild Bird Feed	10.63	10.00	3.77	4.00	3.66	7.50	
W. H. Eshelman Smithsburg, Md.							
Complete Laying Ration	18.19	17.00	5.10	3.00	2.60	3.00	
J. B. Ewing & Sons Orbisonia, Pa. 17243							
Complete Laying Ration	16.88	16.00	4.43	4.00	3.24	6.00	
Complete Laying Ration	17.88	16.00	4.54	4.00	3.42	6.00	
Hog Finisher	15.31	14.00	3.89	3.50	2.65	5.00	
Hog Finisher	14.06	14.00	3.83	3.50	2.78	5.00	
Pig Grower	16.88	16.00	3.71	3.50	3.86	6.50	
Pig Grower	17.19	16.00	4.08	3.50	4.38	6.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Fabro, Inc. Atlanta 18, Ga.							
#Henny Pen Dog Food	12.47	12.00	4.40	2.50	1.08	1.50	
Fairway Milling & Grain Company, Ltd. Winnipeg, Manitoba, Canada							
Coarse Ground White Oats	11.25	11.00	2.93	3.50	*14.90	13.00	
Coarse Ground White Oats	*9.69	11.00	4.55	3.50	12.32	13.00	
Fine Ground Sample White Oats	10.00	9.50	3.43	3.00	17.20	19.90	M
#Ground Flax Screenings	*11.81	15.00	*5.62	10.00	*20.92	17.00	
#Ground Flax Screenings	14.81	15.00	*6.28	10.00	11.44	17.00	
Steam Crimped Aspirated White Oats	9.19	---	3.93	---	14.44	---	
Farm Bureau Cooperative Assn., Inc. Columbus, Ohio							
Dehydrated Alfalfa Meal	19.19	17.00	5.43	1.50	19.04	27.00	
#Dehydrated Alfalfa Meal	17.31	17.00	3.50	1.50	20.58	27.00	
#Dehydrated Alfalfa Meal	19.06	17.00	2.99	1.50	23.12	27.00	
Farm Liquids, Inc. Natrona Heights, Pa.							
Morea M-30	30.75	30.00	---	---	---	---	
Farmer's Cotton Oil Company Wilson, N. C.							
41% Cotton Seed Meal	45.75	41.00	5.34	3.00	10.18	14.00	
41% Cotton Seed Meal	*35.88	41.00	4.16	3.00	14.52	14.00	
#36% Cotton Seed Meal	35.94	36.00	4.07	3.00	17.24	17.00	
Farmer's Feed Company Brooklyn 6, N. Y.							
Brewers Dried Grains	31.31	26.00	7.81	6.00	11.81	17.00	
Brewers Dried Grains	28.75	26.00	6.61	6.00	11.72	17.00	
Farmers' Grain & Milling Company, Inc. Wellington, Ohio							
Banquet Wild Bird Food	13.75	10.00	9.26	4.00	7.43	14.00	
Fawcett Company Enon Valley, Pa.							
Manamar Feeds Layer	17.81	18.00	3.07	3.00	6.06	8.50	
Manamar Feeds Mash Concentrate	31.88	32.00	3.61	2.00	7.61	8.00	
Feed-Mor Products Company Westminster, Md.							
Meat Meal	*45.44	50.00	9.83	5.00	1.59	4.00	
Meat Meal	52.50	50.00	10.40	5.00	2.60	4.00	
Fehnel's Feed & Grain Service Bath, Pa.							
Hog Feed	15.31	14.00	3.81	3.00	*6.43	5.00	
Hog Feed	15.94	14.00	3.66	3.00	6.31	8.00	
Laying Mash	20.19	20.00	4.34	2.50	6.92	6.50	
B. B. Figley & Son Burgettstown, Pa.							
15% Sow & Pig Feed	14.81	15.00	3.95	4.00	5.87	7.00	
Fish Products Company Lewes, Del.							
Fish Meal	62.19	60.00	13.31	5.00	0.51	3.00	
Fish Meal	62.75	60.00	13.37	5.00	0.59	3.00	
Fisher & Son Company, Inc. Malvern and Lincoln University, Pa.							
Calf & Cow Fitting	17.48	13.00	2.01	2.50	8.46	8.00	
Calf & Cow Fitting	19.06	13.00	3.41	2.50	8.28	8.00	
Complete Horse Feed (Pellets)	*10.63	12.50	1.72	1.50	21.43	25.00	
Complete Horse Feed (Pellets)	11.88	10.00	1.90	1.50	21.45	25.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Fisher & Son Company, Inc. - Continued							
36% Dairy Supplement	35.63	36.00	1.77	2.00	*8.86	7.00	
36% Dairy Supplement	35.88	36.00	2.28	2.00	10.57	7.00	
36% Dairy Supplement	36.00	36.00	1.52	2.00	*8.75	7.00	
50% Dairy Supplement	*48.87	50.00	2.28	1.30	7.90	6.00	
50% Dairy Supplement	55.31	50.00	2.21	1.30	6.10	6.00	
Race Horse Special Feed	9.23	10.00	3.15	2.50	6.34	8.00	
Fleagle's Supply Service Somerset, Pa.							
16% Dairy	17.50	16.00	4.02	2.50	8.35	8.00	
Horse & Mule Feed	10.63	10.00	3.45	2.50	6.47	8.00	
Layer	18.44	15.00	4.67	3.50	7.07	7.00	
Pork Maker	14.06	12.00	*3.09	3.50	5.79	8.00	
Pork Maker	15.31	12.00	4.04	3.50	6.03	8.00	
Scratch Feed	10.00	9.00	*2.01	2.50	4.95	5.00	
Scratch Feed	10.06	9.00	2.98	2.00	5.10	5.00	
Wild Bird Seed	11.88	10.00	*2.80	4.00	4.37	9.00	
Flory Brothers Lancaster, Pa.							
Winter Wheat Bran	15.63	13.50	3.59	3.00	7.45	9.75	
Winter Wheat Middlings	*13.19	15.00	2.79	3.00	1.64	7.00	
Flory Milling Company Bangor, Pa.							
#Corn & Oats Chop	10.19	9.00	3.31	2.50	4.95	10.00	
16% Dairy (Correctional Industries Formula)	15.94	16.00	3.38	3.10	8.06	7.10	
Grow & Egg	17.07	16.00	4.16	3.50	5.58	5.50	
Hog Feed	15.00	14.00	3.78	3.50	6.80	10.00	
Horse Feed	12.31	11.00	2.82	3.00	5.91	7.00	
Milk-Flo-16	17.50	16.00	*2.45	3.50	7.08	8.50	
Milk-Flo-16	17.50	16.00	3.40	3.50	7.94	8.50	
30% Mobile Concentrate	*28.13	30.00	2.61	2.50	10.43	10.00	
30% Mobile Concentrate	29.06	30.00	3.61	2.50	7.98	10.00	
40% Mobile Concentrate	*35.19	40.00	2.18	2.00	9.91	10.00	
40% Mobile Concentrate	41.75	40.00	1.90	2.00	6.66	10.00	
36% Poultry Concentrate	36.56	36.00	3.81	3.00	4.90	6.00	
36% Poultry Concentrate	36.56	36.00	3.88	3.00	4.90	6.00	
Soybean Meal, Solvent Extracted	49.88	44.00	0.87	0.50	3.43	6.50	
Super Layer	21.56	20.00	3.83	4.00	4.73	5.50	
Superior Calf Grower	17.31	17.00	3.75	3.50	6.95	7.50	
Flower Lane Farm Martinsville, N. J.							
Glenside Park Wild Bird Seed	11.75	10.00	6.73	3.00	9.40	9.00	
Floyd's Feed Service Philadelphia 42, Pa.							
"C" Pigeon Feed (Breeding-Flying)	14.06	14.00	2.76	2.50	2.67	5.00	
"YBR" Pigeon Feed	14.81	14.50	2.70	3.00	2.96	5.00	
F. M. S., Inc. Greenville, Ohio							
FMS "A Food for Baby Animals"	23.25	23.00	*0.16	0.50	0.32	0.25	
FMS & Swell, Inc. Perkinsville, N. Y.							
#FMS (A Food for Baby Animals)	24.38	23.00	0.94	0.50	0.88	0.25	
Ford & Palmer Chester, Pa.							
Pigeon Feed Special No. 1	13.75	13.25	2.72	2.50	3.15	4.50	
Foremost Dairies, Inc. Industrial Division Burlingame, Calif.							
V-Ler Calf Milk Replacer	24.13	23.00	9.70	10.00	0.32	0.10	
Foster Canning Company, Inc. Farmingdale, N. J. 07727							
Lucky Dog Food	10.40	9.00	1.39	1.00	1.13	1.50	
#Snappy Cat Food	11.92	12.00	3.23	2.00	1.00	1.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
R. S. Fought & Sons Hughesville, Pa.							
Horse Feed	13.46	11.05	2.91	3.92	*6.87	3.95	
Master Made Laying Mash	20.63	20.00	4.07	2.50	5.00	6.50	
Master Made Sweet 16% Dairy	*14.75	16.00	3.24	2.50	5.15	10.00	
Pig & Hog Ration	16.25	16.00	3.02	3.00	5.34	6.50	
Wheat Middlings	16.56	14.50	4.88	3.50	5.14	6.50	
Fowler Farm Service, Inc. Franklin, Pa.							
#Check-R-Mix Chop Feed C	11.25	9.50	3.83	3.50	5.94	8.00	
#Check-R-Mix 20% Dairy Feed L	19.38	20.00	3.73	2.00	7.09	10.00	
#Check-R-Mix Laying Mash A	19.06	18.00	4.16	3.00	6.34	7.50	
#Check-R-Mix Pig Grower SD	17.19	16.00	3.78	2.50	4.76	6.00	
#Check-R-Mix Wild Bird Feed A	11.25	10.00	7.77	4.00	6.18	7.00	
Fox Company Newfield, N. J.							
Flavitein	40.25	35.00	7.47	2.00	2.13	2.50	
Flavitein	41.56	35.00	7.72	2.00	2.78	2.50	
Fredonia Milling Company, Inc. Water Street, Fredonia, Pa.							
32% Dairy Concentrate	30.94	32.00	1.87	1.50	8.05	9.00	
32% Dairy Concentrate	31.25	32.00	3.04	1.50	8.87	9.00	
Egg Mash	20.00	20.00	3.22	2.50	6.27	7.00	
#Egg Mash	*18.31	20.00	2.93	2.50	6.79	7.00	
40% Hog Concentrate	*37.06	40.00	2.48	1.50	8.12	8.00	
40% Hog Concentrate	39.38	40.00	1.92	1.50	6.31	8.00	
#Horse Feed	14.69	10.00	3.18	3.00	6.43	11.00	
Laying Mash Concentrate	34.69	34.00	2.27	1.50	8.65	9.00	
Laying Mash Concentrate	33.31	34.00	2.51	1.50	8.52	9.00	
E. K. Freed & Son Liverpool, Pa.							
Check-R-Mix Laying Feed (All Mash)	18.63	16.00	4.31	3.00	3.06	5.00	
Check-R-Mix Laying Feed (All Mash)	17.50	16.00	3.77	3.00	3.35	5.00	
40% Hog Concentrate	40.63	40.00	6.99	4.50	7.42	8.00	
40% Hog Concentrate	41.06	40.00	6.68	4.50	7.69	8.00	
R. T. French Company Rochester 9, N. Y.							
Canary Bird Seed	15.06	14.00	17.23	10.00	6.48	10.00	
Fruen Milling Company Minneapolis, Minn. 55403							
All-Purpose Thrift Pellets	13.75	12.50	4.89	4.50	13.84	16.00	
#Ground Oat Hulls	6.88	3.50	1.62	1.00	27.51	32.00	
Whole Oat Groats	16.06	15.00	6.08	6.00	1.60	2.00	
Fryburg Roller Mills Fryburg, Pa.							
Egg Mash	23.75	22.00	3.55	3.50	7.10	6.50	
Egg Mash	21.88	22.00	3.47	3.50	*8.25	6.50	
Fuhrmam & Schmidt Brewing Company Shamokin, Pa.							
Brewers Dried Grain	26.25	27.00	*5.41	7.00	15.23	15.50	
Furry's Mill Loysburg, Pa.							
Best Egg Mash Medicated	21.63	20.00	4.06	3.50	3.47	5.50	+
Chick Mash Medicated	21.25	20.00	4.12	3.50	4.01	5.50	+
14% Dairy Feed	14.69	14.00	2.45	3.00	7.01	10.00	
14% Dairy Feed	15.56	14.00	*2.14	3.00	7.89	10.00	
Economy Egg Mash	20.56	20.00	3.75	3.50	3.22	5.50	
Economy Egg Mash	21.25	20.00	3.86	3.50	4.13	5.50	
Hog Feed Medicated	15.06	14.00	3.72	3.50	4.96	6.00	+
Pig Meal Medicated	17.94	18.00	3.66	3.50	3.87	6.00	+
32% Protein Dairy Mix	30.50	32.00	1.48	2.00	5.41	9.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Gallo's Seed & Pet Supply Company East Rutherford, N. J.							
#Wild Bird Seed	10.63	11.50	3.65	4.00	5.28	9.00	
H. L. Garrison & Brother Berwick, Pa.							
Chick Starter Growing Mash	22.81	20.00	4.51	3.50	5.25	7.50	
Dairy Feed	15.63	16.00	2.94	2.00	6.80	8.50	
Extra Quality Laying Mash	18.00	19.00	4.12	3.50	5.21	7.50	
Extra Quality Laying Mash	20.81	19.00	4.37	3.50	5.15	7.50	
Horsefeed	9.51	10.00	2.96	2.50	6.23	9.00	
Regular Laying Mash	18.19	18.00	3.49	2.50	6.30	8.50	
Regular Laying Mash	21.56	18.00	3.52	2.50	6.55	8.50	
Gehman Feed Mill, Inc. Denver, Pa.							
#35% Beef Cattle Supplement	36.15	35.00	1.48	1.00	5.87	7.00	
#40% Dairy Concentrate	39.24	40.00	1.53	0.50	5.38	8.00	
16% Dairy Feed	15.75	16.00	3.28	3.00	5.30	8.00	
24% Dairy Feed	29.06	24.00	2.50	2.50	6.50	8.00	
32% Dairy Feed	33.56	32.00	1.48	1.50	5.00	6.00	
18% Growing Mash	17.63	18.00	4.24	4.00	3.05	5.50	
40% Hog Concentrate	39.81	40.00	3.30	2.00	3.80	3.50	
22% Turkey Grower	21.88	22.00	5.70	4.50	3.45	4.50	
#18% Turkey Grower Medicated	18.19	18.00	5.59	4.50	2.93	4.50	
Geho & Son Emmaus, Pa.							
Check-R-Mix Hog Finisher No. 2 (D)	11.88	12.00	3.48	2.50	3.38	6.50	
Check-R-Mix Laying Mash LK	21.56	22.00	4.77	3.50	4.20	7.00	
General Feed & Supply Washington, Pa.							
Hog Feed	14.50	14.00	3.01	3.00	6.49	8.00	
General Mills, Inc. Minneapolis 26, Minn.							
Adrian Wheat Red Dog	17.81	16.00	4.59	3.50	3.02	4.00	
Purity Hy-Protein Oat Mill By-Product	10.31	10.00	3.35	3.50	17.00	20.00	
Purity Hy-Protein Oat Mill By-Product	10.19	10.00	3.39	3.50	17.04	20.00	
Wheat Bran w/Ground Wheat Screenings	15.69	15.00	4.23	2.50	10.23	13.00	
Wheat Bran w/Ground Wheat Screenings	15.31	15.00	3.28	2.50	10.57	13.00	
Gentzler Grain & Feed Company East Berlin, Pa.							
Growing Mash	16.25	17.00	3.42	3.00	4.10	7.00	
Laying Mash	22.25	20.00	3.32	3.00	5.39	8.00	
Gerhart Farms Gilbertsville, Pa.							
Lay-More Laying Mash 22%	21.56	22.00	4.93	5.00	4.12	5.50	
E. H. Gerhart Company Jonestown, Pa.							
Check-R-Mix Hog Finisher #2 BA	13.13	11.00	3.27	2.50	2.72	6.00	
Giant Market Scranton, Pa.							
#Dog Food	25.75	24.00	*5.37	7.00	3.85	5.00	
Dog Food	26.25	24.00	6.33	7.00	3.88	5.00	
Dog Food	27.50	24.00	*5.02	7.00	4.19	5.00	
Ginter's Mill Newville, Pa.							
All-Mash Layer	16.56	16.00	3.93	4.00	4.35	6.00	
Dairy Feed	11.56	10.00	1.90	1.50	12.35	11.50	
Glenelg Dehydrators Ellicott City, Md.							
Dehydrated Alfalfa Meal	18.13	17.00	3.76	1.75	25.52	27.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
L. A. Glessman, Inc. Conneautville, Pa.							
20% Laying Mash	21.13	20.00	4.34	4.00	5.31	7.00	
Pig Grower	17.63	15.50	3.67	3.50	4.88	6.50	
Saddle Horse Ration	14.06	12.00	2.96	3.00	6.37	9.00	
Roy Goff & Company, Inc. Bridgeport, Conn.							
Beef & Beef Kidney for Your Cat	13.57	14.00	9.24	3.00	0.25	1.00	
Chopped Beef Liver for Your Cat	15.68	14.00	5.16	3.00	0.27	1.00	M
Chopped Beef Liver for Your Cat	15.10	14.00	*7.19	3.00	0.22	1.00	M
Meat Balls in Gravy for Your Cat	12.54	11.00	*7.81	4.00	0.36	1.00	
W. M. Golden & Son Springville, Pa.							
Bulky Lass	11.25	12.00	*1.78	2.50	11.16	15.00	
Calf Grower	17.38	16.00	4.30	3.50	6.85	8.00	
Complete Layer	*14.06	17.00	4.07	3.50	2.51	4.00	
Complete Layer	17.50	15.00	4.12	3.50	4.86	5.00	
Dry & Freshening	15.08	12.00	2.87	3.00	6.08	8.00	
Egg Mash	20.63	20.00	4.50	2.50	5.43	6.50	
16% Milking Ration Medicated	17.19	16.00	6.10	5.00	5.89	7.00	
Super 16% Ration	19.15	16.00	3.70	4.00	6.43	9.00	
Super 16% Ration	19.19	16.00	4.11	4.00	7.64	9.00	
Harold H. Good Terre Hill, Pa.							
17% All Mash	19.06	17.00	4.58	3.00	4.65	6.00	
16% Pig & Sow	15.06	16.00	3.76	3.00	5.42	6.00	
Joseph M. Good & Son Bird-In-Hand and Leola, Pa.							
Broiler Finisher Medicated	20.00	20.00	4.82	5.00	4.26	3.50	7
32% Dairy	35.31	32.00	1.92	1.00	8.43	10.00	
C. L. Goodman Port Royal, Pa.							
16% Dairy Feed	15.63	16.00	2.52	2.50	7.75	11.00	
16% Dairy Feed	18.44	16.00	2.49	2.50	7.38	11.00	
Growing Mash	19.06	18.00	3.92	4.00	5.82	7.00	
16% Hog Feed	15.31	16.00	2.61	3.00	6.39	8.00	
16% Hog Feed	15.13	16.00	2.56	3.00	6.65	8.00	
Starting Mash	20.63	20.00	4.10	4.00	2.98	6.50	
Ultra-Lifed 20% Laying Mash	21.88	20.00	4.13	4.00	3.61	6.00	
Good's City Mills, Inc. Williamsport, Pa.							
16% Dairy Feed	15.65	16.00	2.60	3.00	6.78	10.00	
24% Dairy Feed	23.13	24.00	*2.57	3.50	7.84	9.50	
Good-Mash Laying Mash	22.50	20.00	4.65	4.00	6.90	8.00	
Growing Mash	18.75	18.00	3.92	4.00	6.89	7.00	
Growing Mash	17.81	18.00	4.06	4.00	7.44	7.00	
Hog Meal	17.81	16.00	4.28	3.50	5.54	10.00	
Hog Meal	17.63	16.00	3.85	3.50	6.12	10.00	
Hog Meal	17.50	16.00	3.94	3.50	6.52	10.00	
Laying Mash	20.31	20.00	3.76	4.00	7.08	8.00	
Wheat Bran	16.56	14.00	3.25	3.50	7.92	11.00	
Wheat Bran	14.19	14.00	3.18	3.50	10.54	11.00	
Wheat Middlings	15.00	14.00	3.94	3.50	5.23	6.50	
Wheat Middlings	14.38	14.00	3.71	3.50	3.72	6.50	
Wheat Middlings	15.31	14.00	4.06	3.50	5.33	6.50	
Good's Feed Mill New Providence, Pa.							
Complete Layer	17.81	17.00	3.97	3.50	3.16	6.00	
#Dry & Fresh	14.13	12.00	2.94	2.50	6.10	8.00	
Grain Processing Corporation Muscatine, Iowa 52761							
Corn Distillers Dried Grains w/Solubles	25.94	24.00	5.39	3.00	9.17	15.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
I. B. Graybill & Son, Inc. Strasburg, Pa.							
22% Chick Starter Medicated	22.81	22.00	6.25	3.50	4.31	5.00	17a
16% Egg All-Mash Medicated	17.81	16.00	3.62	3.00	2.73	5.00	+
20% Layer	20.31	20.00	3.52	3.00	3.37	5.50	
Steer Supplement	32.50	30.50	1.57	1.75	*9.23	7.00	
Steer Supplement	33.13	30.50	1.72	1.75	8.33	7.00	
The Great Atlantic & Pacific Tea Company Minneapolis, Minn.							
Daily All Breed Dog Food-Liver Flavor	11.73	12.00	3.61	3.00	0.90	1.50	
Laying Mash Feed	22.19	20.00	3.74	3.00	7.24	7.50	
Green Acre Farms Nazareth, Pa.							
Dehydrated Alfalfa Meal w/Ethoxyquin	21.63	17.00	3.54	2.00	23.22	27.00	
Green Valley Mills, Inc. Nanuet, N. Y.							
P.O.V. Wild Bird Food	12.38	10.00	6.09	4.00	8.09	14.00	
Greene Farm Bureau Cooperative Assn. Waynesburg, Pa.							
Beef Ration	11.25	11.00	3.31	3.25	3.78	6.50	
Beef Ration	13.38	11.00	3.44	3.00	4.32	7.00	
Grim's Poultry Supplies Sinking Spring, Pa.							
Laying Mash	16.00	16.00	3.36	3.00	2.77	4.00	
Grocery Specialties, Inc. Buffalo, N. Y.							
Sire Dog Food	9.97	10.00	2.52	2.00	0.70	1.50	
Charles E. Grove & Sons Felton, Pa.							
Super Dog Food	*22.69	24.00	7.01	6.00	2.37	4.00	
H. & C. Grove Lewisburg, Pa.							
All-Purpose Poultry Mash	15.63	17.00	3.84	3.00	4.69	6.50	
All-Purpose Poultry Mash	17.81	17.00	3.67	3.00	4.74	6.50	
Bran	14.19	14.00	2.65	3.00	6.86	10.00	
Bran	14.31	14.00	2.93	3.00	6.99	10.00	
Hog Feed	15.31	15.00	3.53	3.50	3.80	7.00	
Hog Feed	15.31	15.00	4.18	3.50	4.55	7.00	
Wheat Middlings	13.56	13.50	*2.99	4.00	1.85	6.00	
Wheat Middlings	13.44	13.50	*2.49	4.00	1.85	6.00	
Grubb Supply Company Elizabethtown, Pa.							
All Mash Layer	18.88	17.00	*3.53	4.00	3.62	3.50	
0.0011% Diethylstilbestrol Mix in Cattle Supplement	34.63	30.00	2.87	2.00	10.31	10.00	+
Pep-Mix All Mash Layer	16.88	17.00	3.41	4.00	3.28	4.00	
40% Poultry Supplement	38.13	40.00	2.52	2.00	5.31	5.00	
Hales & Hunter Chicago 4, Ill. 60604							
Calf Starter	17.35	18.00	2.28	2.50	5.44	7.00	
Complete Grower Medicated	20.63	15.00	4.65	3.00	5.81	7.00	+
Complete Grower Medicated	17.63	15.00	4.89	3.00	5.58	7.00	+
Complete Layer 15 Medicated	15.50	15.00	4.12	3.50	3.60	5.50	+
Complete Layer 15 Medicated	18.44	15.00	4.00	3.50	4.25	5.50	+
Complete Layer 15 Medicated	17.81	15.00	4.34	3.50	3.87	5.50	+
Crate Fattener	17.13	13.00	*2.47	3.00	5.33	7.00	
#Crate Fattener	16.56	13.00	3.01	3.00	4.66	7.00	
32 Dairy Mixer	32.50	32.00	1.53	1.00	7.03	7.00	
32 Dairy Mixer	35.94	32.00	1.45	1.00	7.33	7.00	
32 Dairy Mixer	32.81	32.00	2.48	1.00	6.97	7.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Hales & Hunter - Continued							
Egg Concentrate	39.56	38.00	4.53	2.00	6.96	7.00	
Egg Concentrate	39.38	38.00	4.63	2.00	3.73	7.00	
Egg Concentrate	39.38	38.00	4.65	2.00	5.56	7.00	
Egg Concentrate	36.69	38.00	4.80	2.00	4.86	7.00	
Egg Concentrate	*33.75	38.00	4.08	2.00	5.47	7.00	
Egg Mash Medicated	25.31	22.00	4.76	3.50	4.00	6.50	+
Gold-Flake 32 Dairy	30.44	32.00	1.83	1.00	7.40	7.00	
Gold-Flake 12 D & F Dairy	13.31	12.00	2.57	2.50	6.23	9.00	
Gold-Flake 16 Pelleted Flaked Milker	15.36	16.00	2.67	2.50	6.87	9.00	
Growing Mash Medicated	20.63	18.00	4.60	3.50	7.83	8.00	+
#High Fiber Pullet Developer	13.00	12.00	3.77	3.00	11.10	18.00	
Hog Balancer	35.44	36.00	3.89	1.00	6.36	6.00	
Hog Finisher	16.38	12.00	3.98	2.50	3.38	4.00	
Horse Feed	16.95	12.00	2.90	2.50	7.51	8.00	
Horse Feed	14.51	12.00	2.62	2.50	5.28	8.00	
Horse Feed	13.50	12.00	3.22	2.50	6.69	8.00	
16 Milker	14.71	16.00	3.08	2.50	6.44	10.00	
16 Milker	19.50	16.00	2.79	2.50	7.84	10.00	
32 Milker Mixer	32.81	32.00	2.95	1.00	*8.65	7.00	
32 Milker Mixer	32.38	32.00	2.97	1.00	*8.44	7.00	
32 Milker Mixer	32.00	32.00	3.14	1.00	5.15	7.00	
Pig Gro-Pel Medicated	20.31	16.00	4.55	2.50	4.31	5.00	+
Pig Grower Concentrate Medicated	41.56	42.00	2.63	1.00	5.13	5.00	+
Pig Grower Concentrate Medicated	41.06	42.00	3.35	1.00	5.24	5.00	+
Pig Grower Concentrate Medicated	45.94	42.00	3.36	1.00	2.80	5.00	+
Poultry Breeder Concentrate	36.88	38.00	4.39	2.00	5.15	7.00	
Production Dry & Fresh	14.06	12.00	3.35	2.50	6.26	8.00	
Production Dry & Fresh	13.19	12.00	3.96	2.50	6.01	8.00	
Sow Concentrate	36.25	35.00	4.21	1.00	*8.76	7.00	
Steer 32	31.88	32.00	2.59	1.00	6.94	8.00	
Steer 32	32.81	32.00	3.44	1.00	6.43	8.00	
Sup-pel Dairy Supplement Pellets	19.13	18.00	3.22	3.00	7.33	8.00	
Sup-pel Poultry Supplement Medicated	20.44	20.00	4.47	4.00	4.08	6.50	
16 Textured Milker	15.44	16.00	3.12	2.50	7.98	10.00	
Turkey Grower 20	22.50	20.00	3.52	2.50	3.67	6.00	
Turkey Grower 23 Medicated	26.56	23.00	3.20	2.50	3.61	6.00	+
Turkey Starter Medicated	29.38	26.00	3.98	2.50	3.17	5.50	+
Haney Milling Company Danville, Pa.							
Egg Mash	20.06	20.00	4.91	2.50	4.33	7.00	
Happy Pet Products, Inc. Cassopolis, Mich.							
#Wild Bird Bell	13.69	13.00	*3.75	5.00	7.95	6.00	
Harleysville Mill, Inc. Harleysville, Pa.							
Laying & Growing Ration	18.75	19.00	3.83	3.00	2.72	6.00	
Paul Harrigan & Sons, Inc. Bristol, Pa.							
55% Ground Bone & Meat Scrap	57.50	55.00	11.08	6.00	1.40	3.00	
Carl R. Hartman Lynnport, Pa.							
Egg Mash	22.31	20.00	4.06	3.50	4.36	6.50	
Pig & Hog Feed	15.63	15.00	3.21	3.00	5.09	6.00	
Hartsville Oil Mill Hartsville, S. C.							
41% Protein Cottonseed Meal, Solvent Extracted-Prime Quality	40.06	41.00	*2.32	3.00	13.86	14.00	
Hartz Mountain Products Corporation New York, N. Y.							
#Cat Yummies	35.94	26.00	3.81	3.00	2.29	4.00	
Hauck Feed & Supply Kutztown, Pa.							
Check-R-Mix Hog Feed FF	13.19	13.00	2.59	3.00	4.65	7.00	
Check-R-Mix Hog Feed FF	13.44	13.00	3.92	3.00	5.00	7.00	
Check-R-Mix Laying Mash R	19.38	18.00	3.57	3.00	5.56	8.00	
Scratch Feed	10.63	9.00	2.68	2.50	3.70	4.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Haynie Products Company, Inc. Baltimore, Md. 21230							
#White Fish Scrap w/BHT	58.43	57.00	4.82	5.00	0.60	3.00	
#White Fish Scrap w/BHT	56.56	57.00	4.57	5.00	0.65	3.00	
Hayward, Inc. Oak Harbor, Ohio							
15% Dehydrated Alfalfa Meal	15.69	15.00	2.62	1.80	27.17	30.00	
#15% Dehydrated Alfalfa Meal	16.06	15.00	2.71	1.80	27.60	30.00	
15% Dehydrated Alfalfa Meal	16.00	15.00	2.88	1.75	28.11	30.00	
15% Dehydrated Alfalfa Meal	16.13	15.00	2.44	1.75	26.23	30.00	
Heath's Mill Great Bend, Pa.							
16% Dairy Ration	15.94	16.00	4.51	3.50	8.56	10.00	
20% Dairy Ration	20.00	20.00	4.74	3.50	8.55	10.00	
14% Fitting Ration	14.31	14.00	4.23	3.50	8.78	10.00	
18% Patrons Dairy	*16.39	18.00	3.39	3.50	7.22	10.00	
Hefty Milling Company Watsontown, Pa.							
Rye Feed	14.50	15.00	2.60	3.00	5.38	5.00	
H. J. Heinz Company Pittsburgh 30, Pa.							
Mixed Distillers Dried Grains	31.88	29.40	11.28	9.10	12.20	15.50	
Mixed Distillers Dried Grains	36.56	29.40	12.07	9.10	10.21	15.50	
Mixed Distillers Dried Grains	*31.56	34.20	9.82	10.10	12.81	13.40	
E. Musser Heisey & Son Mount Joy, Pa.							
Breeder Layer Supplement Medicated	40.94	40.00	5.82	6.00	4.99	5.50	+
Furman E. Hendrix, Inc. White Hall, Md. 21161	Brix		Invert Sugar				
Cane Blackstrap Molasses	80.10o	79.50o	48.57	48.00			
A. C. Henry, Inc. Seven Valleys, Pa.							
All Mash Layer	18.69	16.00	3.66	3.50	2.59	5.00	
20% Dairy	20.63	20.00	3.04	2.00	4.61	7.00	
A. K. Hepler & Son New Stanton, Pa.							
16% Dairy Ration	*13.61	16.00	1.62	1.75	6.93	12.00	
Dog Food	23.75	24.00	5.31	4.50	3.40	6.00	
Layer	20.00	20.00	4.20	3.50	5.06	8.00	
Mixed Chop	10.94	6.00	3.59	2.50	6.36	17.00	
Mixed Chop	11.38	6.00	2.81	2.50	5.59	17.00	
P. Herold & Sons Philadelphia, Pa.							
Hero Dog & Cat Food	8.30	8.00	1.98	1.50	0.87	1.50	
Herr Milling Company Turbotville, Pa.							
All Mash Layer	17.50	16.00	4.98	4.00	2.61	3.00	
Brood Sow Feed	16.25	15.00	4.60	4.00	5.49	7.00	
Calf Grower	11.59	11.00	3.13	3.00	6.38	8.00	
Calf Grower	12.19	11.00	3.70	3.00	5.25	8.00	
Chick Grower Medicated	16.88	16.00	*4.04	5.00	5.25	6.00	+
Chick Grower Medicated	17.88	16.00	4.51	5.00	4.01	6.00	10
32% Dairy Feed	31.25	32.00	2.32	2.00	5.89	8.00	
32% Dairy Feed	33.13	32.00	2.10	2.00	6.19	8.00	
#50% Dehulled Soybean Meal, Solvent Extracted	50.75	50.00	0.77	0.50	3.47	3.00	
Fitting Concentrate	24.06	24.00	3.42	2.50	8.89	9.00	
Hog Concentrate	35.13	35.00	4.76	3.50	5.33	6.00	
Hog Concentrate	34.69	35.00	4.29	3.50	4.90	6.00	
20% Laying Mash	19.00	20.00	4.87	4.00	4.46	5.00	
Pig Starter	16.56	16.00	4.69	5.00	3.82	5.00	
Poultry Concentrate	33.25	34.00	3.91	4.00	3.60	4.00	
Poultry Concentrate	32.81	34.00	4.02	4.00	3.74	4.00	
A. L. Herr & Brother Quarryville, Pa.							
15% Dairy Balancer	14.75	15.00	1.08	0.50	3.62	5.00	
42% Poultry Concentrate	*37.81	42.00	3.46	2.00	*6.25	4.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
John M. Herr Grantville, Pa.							
Pig Feed	20.19	15.00	3.71	3.50	4.48	7.00	
The Herrman-McLean Company Cleveland, Ohio							
Chop Feed	8.44	8.00	2.05	2.00	11.46	11.00	
Chop Feed	7.81	8.00	2.89	2.00	8.91	11.00	
Egg Mash	20.00	20.00	3.67	2.50	6.75	7.50	
#40% Hog Supplement	43.31	40.00	1.85	1.00	7.11	8.50	
Ohio 16% Coarse Dairy Feed	17.94	16.00	2.32	2.50	9.72	15.00	
Ohio Egg Mash	21.25	20.00	4.01	2.50	6.49	7.50	
Ohio 40% Hog Supplement	38.75	40.00	2.04	1.00	8.39	8.50	
Ohio Starting & Growing Mash	21.06	20.00	3.39	2.50	4.85	6.00	
14% Pork Maker	19.38	14.00	2.60	2.50	5.84	6.00	
14% Pork Maker	16.06	14.00	3.60	2.50	5.12	6.00	
Rainbow All Mash Egg Maker	17.75	16.00	3.19	2.50	7.60	7.00	
Rainbow All Mash Egg Maker	17.38	16.00	3.99	2.50	6.64	7.00	
Hershberger's, Inc. Johnstown, Pa.							
Corn & Oats Chop	12.50	10.00	5.10	4.00	7.49	8.00	
Corn & Oats Chop	10.94	10.00	4.48	4.00	4.62	8.00	
Corn & Oats Chop	10.19	10.00	4.13	4.00	5.41	8.00	
Dog Food Meal	28.63	25.00	5.36	4.50	4.30	4.00	
Egg Mash	23.00	20.00	3.88	3.50	6.16	7.50	
Egg Mash	22.19	20.00	4.24	3.50	6.13	7.50	
Egg Mash	20.94	20.00	4.22	3.50	6.32	7.50	
Pig & Hog Feed	16.06	16.00	3.50	3.00	6.33	10.00	
Pig & Hog Feed	16.88	16.00	3.80	3.00	6.49	10.00	
Scratch Grain	10.63	10.00	2.73	2.50	2.72	5.00	
Scratch Grain	10.19	10.00	3.27	2.50	3.93	5.00	
Starter & Grower	20.94	18.00	4.03	3.50	7.08	7.00	
Hershey Brothers Reinholds, Pa.							
17% Egg Mash	16.56	17.00	4.31	4.00	3.92	5.00	
21% Egg Mash	21.88	21.00	4.39	4.50	3.65	6.00	
Sow & Pig Meal Medicated	16.69	15.00	3.39	3.00	5.13	6.00	+
Wayne Mix Porkmaker	13.13	12.00	3.13	3.00	3.84	5.00	
Mark C. Hershey Lebanon, Pa.							
Breeder Layer All Mash Medicated	16.56	16.00	3.32	4.00	2.98	3.50	+
J. B. Hertzfeld, Inc. Philadelphia, Pa.							
Conditioning Feed	13.44	14.00	2.79	3.00	3.41	5.00	
Flying Feed	14.44	13.00	2.77	3.00	2.89	5.00	
No. 1 Pigeon Feed	13.44	11.00	2.37	2.00	2.91	4.00	
Racing Feed	16.69	18.00	2.16	1.50	3.78	5.00	
Hespenheide & Thompson, Inc. York, Pa.							
Cage Layer B	16.44	16.00	7.33	3.50	3.66	3.25	
Milkmaster	16.09	14.00	2.72	3.00	4.81	7.00	
Premier Starter-Grower Medicated	22.44	20.00	5.04	4.00	5.71	4.00	17
Starter-Grower Medicated	21.88	20.00	4.96	4.00	4.66	4.00	17
C. J. Hess Shade Gap, Pa.							
Egg Mash	17.88	17.00	4.10	4.00	5.48	5.50	
Egg Mash	18.13	17.00	4.43	4.00	6.33	5.50	
Hog Meal	15.69	15.00	3.16	3.50	5.95	8.50	
Hog Meal	16.25	15.00	3.78	3.50	6.05	8.50	
Wheat Bran	17.44	14.00	3.88	2.50	9.54	12.50	
John J. Hess II Paradise, Pa.							
Hog Feed	13.63	13.00	2.68	3.00	3.88	7.00	
Horse Feed	11.88	10.00	3.64	3.00	6.30	10.00	
Sow Feed	15.94	16.00	2.77	3.00	5.42	7.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Hess & Clark Ashland, Ohio							
NFZ - Mix (Swine)			Not Analyzed				+
Hiestand, Inc. Marietta, Pa.							
Hi-Calorie All Mash Layer	17.81	15.00	4.41	4.00	2.88	4.00	
S. H. Hiestand & Company Salunga, Pa.							
All Mash Grower (M) Medicated	18.13	16.00	3.08	3.00	3.78	8.00	+
Calf Ration	20.31	20.00	4.46	2.80	*8.30	7.00	
32% Dairy Concentrate	*30.20	32.00	2.23	3.00	7.25	8.00	
0.0011% Diethylstilbestrol Mix in Steer Supplement (S)	33.50	32.00	3.74	3.00	7.78	10.00	+
Steer Supplement	33.88	32.00	*2.24	3.00	9.26	10.00	
Hildum Fermentation & Processing Company Shiremanstown, Pa.							
Alfa-Zyme	4.75	4.00	0.48	1.00	11.45	14.00	
Hill Packing Company Topeka, Kansas							
Dog Food	11.56	10.50	3.86	4.00	0.63	1.00	
#Kidney Flavor Cat Food	12.42	12.00	4.80	5.00	0.52	1.50	
#"Special Pack" 16% Protein for Dogs & Cats	15.77	16.00	7.98	4.00	0.64	1.00	
#"Special Pack" 16% Protein for Dogs & Cats	15.34	16.00	5.06	4.00	0.49	1.00	
"Special Pack" 16% Protein for Dogs & Cats	16.15	16.00	*8.57	4.00	0.70	1.00	
Hines Feed Store Hollidaysburg, Pa.							
Corn & Oats Chop	10.25	9.00	3.85	3.50	6.34	10.00	
Husky Egg Mash	15.00	16.00	3.58	3.50	3.73	5.00	
Hinish Feed & Farm Supply Everett, Pa.							
Master Made All Mash Egg Mash	16.88	16.00	3.43	3.00	3.47	5.50	
Master Made All Mash Egg Mash	17.19	16.00	3.89	3.00	4.47	5.50	
Master Made Calf Grower	16.54	15.00	2.93	3.00	4.91	7.00	
Master Made Egg Mash	20.38	20.00	3.29	2.50	4.48	6.50	
Master Made Egg Mash	20.44	20.00	3.71	2.50	5.15	6.50	
Master Made Hog Special	13.56	12.50	3.81	3.50	4.25	5.00	
Master Made Horse Feed	14.04	12.00	3.38	3.50	5.94	8.00	
Master Made Horse Feed	12.81	12.00	3.09	3.50	7.14	8.00	
Mixed Grains for Poultry	10.94	10.00	3.22	3.00	3.25	4.00	
Hinkle Farms Ottsville, Pa.							
Wild Bird Feed	10.94	9.50	4.39	3.50	5.01	7.00	
Wild Bird Feed	12.38	11.50	7.87	8.00	6.52	10.00	
Hinton & Company New York 7, N. Y.							
#Wild Bird Feed	12.94	12.00	5.33	5.00	*8.59	6.00	
Earl W. Hoffman & Sons Mechanicsburg, Pa.							
Soft Winter Wheat Bran	15.69	13.50	4.25	2.50	9.53	12.00	
Holsopple Feed Mill Holsopple, Pa.							
Dairy Balancer	18.75	15.00	*0.98	1.50	3.92	5.00	
16% Dairy Feed	17.55	16.00	*2.52	3.50	6.40	9.00	
16% Dairy Feed	17.81	16.00	3.54	3.50	6.65	9.00	
32% Dairy Supplement	32.27	32.00	0.96	1.00	4.69	7.00	
32% Dairy Supplement	36.06	32.00	1.68	1.00	5.62	7.00	
Hi-Energy All Mash Layer	17.81	17.00	3.81	3.00	2.89	4.50	
Hi-Energy All Mash Layer	16.25	17.00	4.35	3.00	3.19	4.50	
35% Hog Concentrate	37.94	35.00	2.40	2.00	4.33	7.00	
Hog Feed	15.31	15.00	3.21	3.00	3.87	5.50	
Laying Mash	*20.56	22.00	4.25	3.00	4.43	5.50	
Pullet Grower	14.75	15.00	4.82	3.00	6.13	9.00	
Starting Mash Medicated	*20.50	22.00	4.74	3.00	2.94	4.00	+

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Honegger's & Company, Inc. Fairbury, Ill.							
Medicated Fortigreen No. 10 Pellets	21.56	20.00	4.41	3.00	5.80	6.00	
Medicated Fortipig Starter	21.63	18.00	4.76	4.00	3.85	4.50	+
Pig Popper Mixing Blend	17.81	15.00	2.31	2.00	7.59	9.00	
Pig Popper Supplement Medicated	38.44	36.00	2.86	1.00	6.20	7.00	
#Pig Stress Concentrate 225	37.63	36.00	1.94	1.00	6.53	7.00	
Poultry Mixing Blend 186	28.13	27.00	5.82	2.50	9.95	11.00	
Poultry Stress Mixer	47.06	45.00	10.68	4.00	2.49	3.00	
Sow Popper Supplement	32.81	32.00	3.95	1.00	9.26	10.00	
Honesdale Agway, Inc. Honesdale, Pa.							
#12% Drought Dairy Mix	12.06	12.00	3.47	3.50	2.72	6.00	
#16% Drought Dairy Mix	15.94	16.00	3.62	3.50	3.95	6.00	
Honesdale Milling Company, Inc. Honesdale, Pa.							
16% Dairy Ration	14.69	16.00	3.49	4.00	7.87	8.00	
18% Dairy Feed	18.13	18.00	3.44	4.00	7.84	9.00	
18% Dairy Ration	17.50	18.00	3.50	3.50	7.60	8.00	
20% Dairy Ration	19.18	20.00	3.27	3.50	8.26	8.00	
Fitting Ration	13.44	14.00	2.80	4.00	*10.20	8.00	
Fitting Ration	14.19	14.00	*3.11	4.00	9.66	8.00	
Clem E. Hoober Intercourse, Pa.							
Super Layer All-Mash	17.50	16.00	3.85	3.50	2.56	4.50	
John J. Hoober Gordonville, Pa.							
16% Dairy Feed	16.25	16.00	3.86	4.00	6.12	8.00	
Hi-Roughage Milking Supplement	32.38	32.50	*2.82	3.50	9.08	8.00	
Quick Beef Supplement	34.38	32.00	2.40	3.50	6.83	8.00	
Quick Pork Supplement Medicated	33.56	35.00	0.98	0.50	6.20	6.50	7a
Quick Pork Supplement Medicated	35.44	35.00	1.04	0.50	6.06	6.50	+
H. P. Hood & Sons, Inc. Dunedin, Fla.							
Citrus Pulp	6.13	6.00	4.61	2.70	11.97	15.00	
Henry B. Hoover Ephrata, Pa.							
16% Hi-Energy Mash Medicated	16.75	16.00	3.66	4.00	3.81	4.50	+
36% Hog Mix	36.88	36.00	4.97	3.50	8.60	8.00	
D. E. Horn & Company, Inc. York, Pa.							
Beef Packer-Plus Medicated	33.88	32.00	2.03	2.00	5.64	8.00	+
Chick Concentrate Medicated	40.94	40.00	4.38	2.00	3.76	5.00	+
Chick Starter Medicated	21.88	21.00	3.94	4.00	3.41	4.00	17
Chick Starter Medicated	21.56	21.00	3.67	4.00	3.17	4.00	+
Complete Rabbit Pellets	18.38	14.00	3.92	2.50	13.39	14.00	
#32% Dairy Supplement	32.50	32.00	2.20	2.00	5.60	8.00	
#Dog Meal	27.19	24.00	8.90	7.00	4.85	5.00	
Layer Ration B-2	17.19	16.00	4.19	4.00	2.86	3.00	
Poultry Concentrate	36.44	36.00	5.69	3.00	4.53	6.00	
Pullet Concentrate Medicated	36.31	36.00	5.06	3.00	4.76	5.00	+
#Turkey Pre-Starter Medicated	30.94	30.00	4.05	5.00	2.70	3.00	+
Uni-Pel 15 Flakes	16.25	15.00	3.93	3.00	6.03	8.00	
D. E. Horn & Company of Red Lion, Inc. Red Lion, Pa.							
All-Mash Chick Grower	17.19	16.00	3.72	4.00	3.54	6.00	
All-Mash Lay Mash	18.94	19.00	4.40	4.00	3.73	5.00	
Chick Grower Medicated	17.81	18.00	3.64	4.00	3.69	5.00	+
Chick Starter Medicated	21.38	21.00	4.25	4.00	3.07	4.00	+
Hog Grower	15.75	15.00	4.01	3.00	2.65	4.00	
James R. Houck Bangor, Pa.							
Check-R-Mix Hog Finisher #2 (K)	18.06	12.00	2.45	2.50	6.01	6.00	
Check-R-Mix Hog Finisher #2 (K)	18.88	12.00	2.17	2.50	5.51	6.00	
Check-R-Mix Laying Mash LN	*19.13	22.00	*2.84	3.50	6.05	7.00	
Check-R-Mix Laying Mash LN	20.94	22.00	3.79	3.50	5.55	7.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
H. Q. Beef Products Company Bedford, Ohio							
Super Value Dog Food	13.03	8.00	3.57	2.00	1.39	1.50	
Hubbard Milling Company Mankato, Minn.							
#Wheat Middlings w/Ground Wheat Screenings N.E.M.R.	19.06	14.00	4.76	3.00	7.55	9.50	
Hubert's Discount Meadville, Pa.							
Puppy & Dog Food	22.50	23.00	5.05	6.00	4.08	6.00	
Puppy & Dog Food	22.88	23.00	5.48	6.00	5.07	6.00	
John T. Hubert & Sons Meadville, Pa.							
#Check-R-Mix Hog Finisher No. 2 (A)	12.81	12.00	3.65	2.50	3.69	6.00	
#Check-R-Mix Pig Starter (SA) 3AB Medicated	17.56	18.00	3.22	2.50	5.04	5.00	7
#Check-R-Mix Sow Feed M	15.63	13.00	2.83	2.50	4.42	6.00	
#16% Dairy Feed	15.94	16.00	2.84	3.00	5.75	5.00	
Huff & Puff Pet Food Company, Inc. Reedville, Va. 22539							
Huff & Puff Cat Food	11.60	12.00	5.43	3.00	0.45	0.50	
Huffman's Farm Service Linesville, Pa.							
16% Dairy Feed	16.13	16.00	*2.48	3.00	7.69	8.00	
Horse & Mule Feed	11.31	10.00	3.54	3.50	6.10	6.00	
Ivan Hugo New Albany, Pa.							
Check-R-Mix Hog Grower	15.19	14.00	3.37	2.50	4.14	6.00	
Check-R-Mix Hog Grower	14.44	14.00	3.75	2.50	3.16	6.00	
Hunsberger Mill Emlenton, Pa.							
20% Laying Mash	20.19	20.00	3.67	3.00	5.46	8.50	
Pig & Hog Grower	14.63	16.00	3.50	3.00	5.30	6.50	
Huntsinger's Mill Hegins, Pa.							
All Mash	16.88	16.00	3.77	2.50	3.62	5.00	
Hi-Protein Egg Producer	21.25	22.00	3.50	2.00	4.52	5.00	
Pullet Developer	17.81	14.00	3.63	2.50	5.01	6.00	
Top Turkey Grower	23.13	24.00	3.74	3.00	4.55	5.50	
David B. Hurst Bowmansville, Pa.							
Complete Grower	15.44	16.00	4.05	4.00	7.64	7.50	
Dairy Fitting Ration	13.45	12.00	2.76	2.00	7.14	12.00	
Paul Hurst & Sons East Earl, Pa.							
32% Dairy Concentrate	35.47	32.00	*1.50	2.00	8.57	9.00	
#40% Hog Concentrate	38.88	40.00	7.37	3.00	4.23	8.00	
40% Poultry Blend Mash Medicated	41.56	40.00	2.57	2.50	2.80	6.50	+
40% Poultry Blend Mash Medicated	42.19	40.00	2.83	2.50	2.61	6.50	+
22% Special Layer Mash Medicated	21.56	22.00	5.55	3.50	2.59	4.50	+
32% Steer Concentrate	32.63	32.00	2.15	2.00	11.68	10.00	
36% Steer Concentrate	38.01	36.00	*1.47	2.00	8.81	9.50	
Hutchison's, Inc. New Castle, Pa.							
Check-R-Mix Laying Mash	*18.44	22.00	4.03	3.50	4.93	7.00	
Illinois Cereal Mills, Inc. Paris, Ill.							
Hominy Feed	11.44	10.00	5.49	5.00	4.32	6.00	
Hominy Feed	12.19	10.00	5.81	5.00	4.96	6.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Illinois Soy Products Company Springfield, Ill.							
41% Protein Expeller Soybean Meal	42.50	41.00	4.94	4.00	*8.22	7.00	
41% Protein Expeller Soybean Meal	42.56	41.00	4.92	4.00	7.36	7.00	
Independent Manufacturing Company Philadelphia, Pa.							
47% Meat & Bone Meal	47.19	47.00	8.13	5.00	1.81	3.00	
Inland Products, Inc. Pittsburgh Milling Company Division Pittsburgh, Pa.							
W/Poultry Meal, Meat & Bone Scrap	50.31	50.00	8.33	5.00	3.05	3.00	
W/Poultry Meal, Meat & Bone Scrap	50.31	50.00	7.65	5.00	2.30	3.00	
W/Poultry Meal, Meat & Bone Scrap	52.81	50.00	10.23	5.00	2.77	3.00	
International Milling Company Minneapolis, Minn.							
Blackhawk Wheat Bran w/Ground Mixed Screenings	17.38	13.50	4.32	2.50	11.50	12.00	
Blackhawk Wheat Bran w/Ground Mixed Screenings	16.25	13.50	4.33	2.50	11.79	12.00	
Blackhawk Wheat Bran w/Ground Mixed Screenings	17.50	13.50	4.49	2.50	11.70	12.00	
Blackhawk Wheat Middlings w/Ground Mixed Screenings	17.19	14.00	4.50	3.00	7.86	9.50	
Blackhawk Wheat Red Dog	18.13	15.00	3.65	2.00	3.89	4.00	
Blackhawk Wheat Red Dog	18.25	15.00	3.42	2.00	4.04	4.00	
Blackhawk Wheat Red Dog	17.63	15.00	4.27	2.00	3.85	4.00	
Iola Mills Millville, Pa.							
Laying Mash	20.31	20.00	3.89	3.50	4.92	5.50	
Laying Mash	20.31	20.00	4.14	3.50	4.30	5.00	
Laying Mash	20.94	20.00	4.41	3.50	3.91	5.00	
Swine Ration	16.88	16.00	3.44	3.00	5.52	8.00	
Jamestown Rendering Company Rochester 10, N. Y.							
#Meat & Bone Scrap	47.50	50.00	11.34	6.00	1.70	2.00	
Robert Jamieson & Sons Fredonia, Pa.							
17% Dairy Feed	20.38	17.00	2.84	3.00	6.83	10.00	
Wheat Bran	14.88	14.00	3.25	3.00	8.93	10.00	
Wheat Middlings	15.63	15.00	4.98	3.50	3.78	7.00	
Jefferson Farm Bureau Cooperative Assn. Brookville, Pa.							
Corn & Oats	11.94	10.00	3.71	3.50	5.60	8.00	
Corn & Oats	10.94	10.00	3.78	3.50	5.00	8.00	
J. W. Johnson & Son Albion, Pa.							
Banner Dairy	17.50	16.00	3.25	2.00	7.39	12.00	
Economy Pig	14.88	13.00	3.08	3.00	5.89	9.00	
Egg Mash	17.94	17.00	3.32	3.00	4.72	8.00	
Jonestown Roller Mill Orangeville, Pa.							
Master Made Complete Calf Feed	17.06	15.00	3.46	3.00	6.34	7.00	
Master Made 20% Dairy Feed	20.31	20.00	2.39	2.50	7.13	11.00	
Master Made 20% Dairy Feed	19.69	20.00	2.70	2.50	6.85	11.00	
#Master Made 20% Dairy Feed	19.13	20.00	2.75	2.50	5.49	11.00	
Master Made Hi-Calorie All Mash Layer	17.81	17.00	4.02	4.00	2.38	4.00	
Master Made Hi-Calorie All Mash Layer	17.50	17.00	4.64	4.00	2.59	4.00	
Master Made Hog Fattener	14.38	13.00	3.35	3.50	4.38	6.00	
Master Made Hog Fattener	14.38	13.00	3.56	3.50	3.99	6.00	
Master Made Pig Feed Medicated	15.63	16.00	3.88	3.00	4.09	5.00	+
I. S. Joseph Company, Inc. Minneapolis, Minn. 55415							
Dried Beet Pulp	8.75	7.00	0.59	0.30	19.84	22.50	
Dried Beet Pulp	8.44	7.00	0.42	0.30	18.84	22.50	
Dried Beet Pulp	9.81	7.00	0.46	0.30	19.62	22.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Judson's Feed Store Columbia Cross Roads, Pa.							
Dairy	17.39	18.00	*2.93	3.50	7.28	10.00	
Dairy	15.18	16.00	2.98	3.50	6.33	10.00	
Dairy	19.06	18.00	3.11	3.50	8.10	10.00	
Economy Dairy	15.90	16.00	*2.70	3.50	6.97	10.00	
Economy Dairy	16.00	16.00	3.45	3.50	7.19	10.00	
Juniata Roller Mills Thompsontown, Pa.							
Dairy 16% Home Mix	16.46	16.00	1.95	1.00	6.40	11.00	
Home Mix Dairy 32%	31.25	32.00	2.67	3.00	9.01	9.00	
Master Made All Mash	16.56	16.00	3.65	3.00	3.64	6.00	
Master Made Chick Starter Medicated	21.25	21.00	4.19	3.50	4.48	5.00	+
Master Made Hi-Calorie All Mash	17.50	17.00	4.90	4.00	2.81	3.50	
Master Made Hi-Calorie All Mash	16.94	16.50	4.51	4.00	2.52	3.50	
Master Made Laying Mash	20.94	20.00	3.91	2.50	4.22	6.50	
Master Made Pullet Developer	14.69	14.50	3.86	3.50	4.31	5.50	
Quality Poultry Concentrate	33.88	34.00	3.85	2.00	4.95	6.00	
Quality Poultry Concentrate	34.69	34.00	2.95	2.00	5.69	6.00	
Keebler's Feed & Farm Supplies Montoursville, Pa.							
36% Dairy	37.63	36.00	1.40	0.50	7.24	7.00	
Scratch	11.00	9.00	2.30	2.50	4.15	5.00	
E. H. Keen & Son Parkesburg, Pa.							
All Mash Layer	17.19	16.50	3.22	4.00	3.00	4.50	
32% Dairy Ration	32.19	32.00	3.53	2.00	8.05	8.00	
36% Hog Concentrate	35.31	36.00	3.81	2.00	3.60	5.00	
20% Laying Mash Medicated	21.88	20.00	5.26	4.00	3.09	6.50	+
Pig Pre-Starter Pellets Medicated	18.94	18.00	3.84	4.00	4.91	4.50	
42% Poultry Concentrate	40.00	42.00	6.59	1.50	5.48	6.50	
42% Poultry Concentrate	40.00	42.00	6.05	1.50	4.75	6.50	
H. H. Kelley Washingtonville, Pa.							
Dairy Feed	16.75	16.00	2.73	1.50	8.05	10.00	
Hog Feed	16.25	16.00	4.97	4.00	4.61	8.00	
Hog Feed	17.50	16.00	3.88	4.00	4.23	8.00	
Laying Mash	19.38	18.00	5.33	4.00	4.06	8.00	
Laying Mash	18.44	18.00	4.95	4.00	4.22	8.00	
Kellogg Company Battle Creek, Mich. 49016							
#Kel-Mix	11.88	10.00	1.35	1.50	1.57	3.00	
W. Russell Kendall Big Cove Tannery, Pa.							
Chick Starter Medicated	21.06	21.00	4.62	3.50	5.21	5.00	+
Egg Mash	20.94	20.00	3.94	2.50	4.22	6.50	
Hi-Calorie All Mash	17.19	17.00	5.05	4.00	2.67	3.50	
Hi-Calorie All Mash	16.56	17.00	5.21	4.00	3.39	3.50	
Hog Feed	16.25	14.00	3.11	3.00	4.11	6.00	
Hog Feed	15.63	14.00	3.78	3.00	6.94	6.00	
Special Dairy	13.59	14.00	*1.82	3.00	7.61	10.00	
Kennel Food Supply Division Hy-Grade Food Products Corporation Detroit, Mich.							
Hy-Ration Dog Food	25.94	24.00	9.57	7.00	3.38	3.50	
Hy-Ration Dog Food	25.81	24.00	9.27	7.00	3.30	3.50	
Hy-Ration Dog Food	25.31	24.00	*5.20	7.00	3.42	3.50	
John W. Kerchner, Inc. Seven Valleys, Pa. 17360							
Meat Meal	51.06	50.00	12.01	10.00	2.18	3.00	
Kershaw Oil Mill Kershaw, S. C.							
41% Protein Cottonseed Meal, Solvent Extracted Prime Quality	44.06	41.00	3.34	3.00	11.84	13.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Kershaw Oil Mill - Continued							
41% Protein Cottonseed Meal, Solvent Extracted Prime Quality	40.94	41.00	4.50	3.00	10.48	13.00	
41% Protein Cottonseed Meal, Solvent Extracted Prime Quality	41.13	41.00	2.89	3.00	12.86	13.00	
41% Protein Cottonseed Meal, Solvent Extracted Prime Quality	40.38	41.00	4.30	3.00	11.30	13.00	
Keynes Brothers Logan, Ohio							
#Wheat Bran	15.31	15.00	4.28	3.00	10.43	10.00	
Keystone Chemurgic Corporation Bethlehem, Pa.							
20% Alfalfa Meal Residue, Solvent Extracted	19.06	20.00	0.51	---	*26.91	20.00	
20% Alfalfa Meal Residue, Solvent Extracted	20.94	20.00	0.36	---	*23.35	20.00	
Keystone Dehydrators Nazareth, Pa.							
Super Green Dehydrated Alfalfa Meal w/Ethoxyquin	16.75	17.00	2.93	2.00	23.78	27.00	
Keystone Milling Company Littlestown and Carlisle, Pa.							
Master Made All Mash Layer	18.75	17.00	4.54	4.50	2.99	3.50	
Master Made All Mash Layer	17.19	17.00	4.77	4.50	3.47	3.50	
Master Made Pig & Hog Meal Medicated	18.19	16.00	3.57	3.00	2.61	5.00	+
Keystone Milling Company Williamsburg, Pa.							
Crown Laying Mash	19.69	20.00	4.22	3.50	6.47	6.00	
Eatmor Hog Meal	17.81	16.00	4.46	3.50	6.31	6.50	
Keystone Rendering Company Philadelphia, Pa.							
50% Meat & Bone Scraps	52.19	50.00	10.72	6.00	1.53	3.00	
50% Meat & Bone Scraps	50.75	50.00	11.09	6.00	1.61	3.00	
50% Meat & Bone Scraps	52.81	50.00	10.88	6.00	1.73	3.00	
55% Meat & Bone Scraps	52.50	55.00	9.79	6.00	1.91	3.00	
55% Meat & Bone Scraps	55.31	55.00	10.52	6.00	1.53	3.00	
Kiefer's Mill, Inc. Hegins, Pa.							
Master Made Complete All Mash Layer	17.19	16.50	4.61	4.00	2.56	3.50	
Master Made Egg Mash	20.81	20.00	4.61	2.50	3.94	6.50	
Master Made Sow Feed	15.00	15.00	3.24	3.00	4.55	6.00	
Premium Horse & Calf Feed	13.13	10.00	4.06	3.00	6.88	9.00	
Kinter & Grove, Inc. Dillsburg, Pa.							
17% All Mash Layer Medicated	17.63	17.00	5.45	4.50	2.74	4.00	+
Broiler & Finisher Medicated	21.81	20.50	7.33	6.00	2.66	3.50	+
Kintner Milling Company Meshoppen, Pa.							
#Certified Milk Replacer	26.88	25.00	4.09	3.50	0.95	2.00	
#Milk Replacer	27.19	24.00	*6.44	10.00	0.40	0.25	
Milk Replacer	25.63	24.00	10.27	10.00	0.34	0.25	
Super All Mash Layer	17.19	16.00	3.68	3.50	2.75	3.50	
Super All Mash Layer	17.38	16.00	3.75	3.50	3.16	3.50	
Super 18% Dairy Ration	19.50	18.00	*3.59	4.00	7.85	9.50	
Super 18% Dairy Ration	20.00	18.00	4.45	4.00	8.77	9.50	
Super Layer	20.13	20.00	3.68	4.00	3.41	4.50	
Super Laying Mash	20.31	20.00	3.73	3.50	3.51	4.00	
Super Riding Horse Feed	14.56	11.00	3.80	3.00	7.28	9.00	
Kissling's Mill Bernville, Pa.							
24% Dairy Feed	23.24	24.00	*1.68	2.50	10.57	10.00	
24% Dairy Feed	24.69	24.00	3.83	2.50	10.20	10.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Kissling's Mill - Continued							
20% Egg Mash	20.00	20.00	3.65	3.00	5.86	8.00	
35% Hog Concentrate	35.94	35.00	3.93	3.00	8.55	8.00	
14% Hog Feed	15.63	14.00	5.27	3.00	4.75	5.00	
34% Poultry Concentrate	33.31	34.00	3.92	2.50	7.28	8.00	
Kitchen Products, Inc. (Distributor) Chicago, Ill.							
#Dog Food	10.59	10.00	2.84	2.00	1.22	1.50	
K. & K. Manufacturing, Inc. Minneapolis 15, Minn.							
Nurs-ette No. 12 Calf Formula Medicated	25.63	24.00	*10.82	12.00	0.51	1.00	
Nurs-ette No. 12 Calf Formula Medicated	24.69	24.00	11.49	12.00	0.45	1.00	
Nurs-ette No. 12 Calf Formula Medicated	23.00	24.00	13.34	12.00	0.45	1.00	
#Nurs-ette Vealer No. 1 Calf Formula Medicated	25.00	22.00	*10.38	12.00	0.37	1.00	
#Nurs-ette Vealer No. 2 Calf Formula Medicated	22.63	21.00	*15.05	20.00	0.28	1.00	
Nurs-ette Vealer No. 2 Calf Formula Medicated	22.81	21.00	18.54	20.00	0.62	1.00	
Nurs-ette Vealer No. 2 Calf Formula Medicated	22.19	21.00	21.44	20.00	0.40	1.00	
John C. Klingerman Bloomsburg, Pa.							
Egg Mash	19.38	20.00	3.99	2.50	5.10	6.50	
C. R. Klingler, Inc. Middlecreek, Pa.							
All Mash Layer	17.19	16.00	2.99	3.00	4.02	5.00	
Chick Ration Medicated	21.31	18.00	4.18	3.00	4.82	6.00	+
20% Dairy Feed	21.56	20.00	*2.71	3.50	7.99	8.00	
Horse Feed	11.88	10.00	3.35	3.50	7.17	9.00	
Lay Mash	19.50	18.00	4.95	3.50	6.76	7.00	
Pig Grower	19.81	18.00	3.05	3.00	6.74	7.00	
Knauf & Tesch Company Chilton, Wis. 53014							
#Wild Bird Mix	11.56	11.00	*3.91	8.00	4.70	10.00	
D. P. Knepper Waterfall, Pa.							
16% Dairy Feed - Ruminants Only	20.31	16.00	3.66	3.00	8.10	9.00	
15% Pig & Hog Feed	16.25	15.00	3.39	3.00	5.24	8.00	
Knisely's Feed & Farm Supply Carlisle, Pa.							
Check-R-Mix Hog Finisher #1	13.44	14.00	3.04	2.50	4.41	6.50	
Knittle & Frey Feed Mill Williamsport, Pa.							
Dairy Balancer	16.25	16.00	1.57	1.50	3.89	5.00	
16% Dairy Ration	16.69	16.00	3.53	3.00	7.53	8.00	
32% Dairy Supplement	32.50	32.00	2.48	1.50	8.14	9.00	
Dog Meal	28.44	25.00	5.01	5.00	4.66	4.00	
20% Layer	19.69	20.00	2.80	3.00	5.59	6.50	
32% Pig & Sow Concentrate	35.00	32.00	2.83	1.00	5.61	7.00	
H. C. Knoke & Company Chicago, Ill.							
Pearl Barley By-Products	15.94	12.00	4.39	3.00	12.18	16.00	
Pearl Barley By-Products	13.68	12.00	3.42	3.00	13.13	16.00	
#Pearl Barley By-Products	15.00	12.00	4.38	3.00	13.15	16.00	
Pearl Barley By-Products	13.00	12.00	4.58	3.00	12.36	16.00	
E. J. Korvette, Inc. New York, N. Y. 10036							
#Dog Food	8.54	8.00	*8.09	1.50	1.38	1.50	
Dog Food	9.54	8.00	2.77	1.50	1.73	1.50	
Kraft Foods Div. of National Dairy Products Corp. New York 16, N. Y.							
#Dog Food	*20.63	25.00	7.75	8.50	3.84	5.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Kraft Foods Div. of National Dairies Corp. - Continued							
Dog Food	25.63	25.00	10.00	8.50	4.84	5.00	
Kaff-A Feed Booster Crumbles	26.25	26.00	7.13	4.50	2.88	3.50	
Kaff-A Milk Replacer for Calves Medicated	24.75	22.00	12.24	13.00	0.84	2.00	
#Kaff-A Milk Replacer for Calves Medicated	24.56	22.00	12.97	13.00	0.84	2.00	
Ray Kramer & Sons Pittsburgh, Pa. 15228							
Peanut Skins & Peanut Hearts	16.88	12.00	32.17	20.00	9.15	20.00	
Krause Milling Company Milwaukee, Wis.							
Yellow Hominy Feed	11.69	10.00	6.27	5.00	4.50	6.00	
Kreamer Feed Store, Inc. Kreamer, Pa.							
All Mash Layer	18.44	16.00	*3.03	4.00	3.16	5.00	
All Mash Layer	17.50	16.00	4.30	3.00	3.24	5.00	
Coarse Scratch	11.25	10.00	3.12	2.50	3.71	5.00	
Dairy Fitting Ration	15.31	14.00	3.25	3.00	5.12	10.00	
Dairy Fitting Ration	13.81	14.00	*0.45	3.00	8.82	10.00	
Grower	22.81	18.00	4.06	3.00	4.49	8.50	
Hog Feed	17.19	15.00	3.34	3.00	4.55	8.00	
Hog Feed	16.56	15.00	3.39	3.00	4.85	8.00	
Laying Mash	22.19	20.00	4.06	3.50	3.67	6.50	
Kreisl Packing Company Shamokin, Pa.							
Meat Scrap	49.69	50.00	13.59	12.29	0.43	2.60	
Herbert H. Kressler Quakertown, Pa.							
Dog Food	16.51	14.00	*22.33	5.00	0.57	2.00	
Kressler's Red Roller Mills Bloomsburg, Pa.							
Dog Mix	26.25	25.00	*3.16	4.00	5.13	4.50	
Kreutz Creek Valley Farmers Coop. Assn. York, Pa.							
Check-R-Mix Growing Mash LJ	23.44	23.00	4.09	4.00	5.50	8.00	
Check-R-Mix Laying Mash LN	23.75	22.00	4.59	3.50	4.67	7.00	
M. N. Kunkel Estate Kempton, Pa.							
Ground Oats	9.81	---	3.07	---	15.95	---	
Hi-Energy Broiler Mash	24.38	21.00	3.42	3.00	4.62	4.50	
Super Chick Starter	22.50	20.00	3.93	3.00	5.47	5.50	
Super Growing Mash	18.19	18.00	3.59	3.00	4.11	5.00	
Super Laying Mash	20.63	20.00	3.39	3.50	5.14	5.50	
Luther Kunkle Fleetwood, Pa.							
Laying Mash	21.88	20.00	3.76	3.50	4.19	6.00	
Laceyville Agway Cooperative Ass'n. Laceyville, Pa.							
16% Dairy	17.40	16.00	4.13	4.00	6.99	8.50	
Ruf-Sup	8.68	9.00	2.35	2.50	7.77	11.00	
Ruf-Sup	9.81	9.00	*1.44	2.50	9.00	11.00	
Special 16% Dairy	17.13	16.00	4.80	3.50	6.94	9.00	
Laddie Boy Dog Foods, Inc. Glendale, Long Island, N. Y.							
Beef Liver for Dogs			Not Analyzed				M
Beef Liver for Dogs			Not Analyzed				M
Beef Liver for Dogs			Not Analyzed				M
Liver Meat Balls w/Gravy for Dogs			Not Analyzed				M
Liver Meat Balls w/Gravy for Dogs			Not Analyzed				M
7 in 1 for Dogs	10.75	9.00	11.04	8.00	0.30	1.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Lafona Mills Pen Argyl, Pa.							
Master Made Egg Mash	20.63	20.00	4.97	2.50	4.38	6.50	
Master Made Growing Mash	19.69	18.00	3.86	3.50	5.08	5.50	
Mixed Grains	10.88	10.00	2.48	2.50	2.90	5.00	
Lake County Oil Mill Tiptonville, Tenn. 32857							
41% Protein Cottonseed Meal, Solvent Extracted Prime Quality	41.94	41.00	0.90	0.50	11.80	14.00	
Lake's Feed Mill South Montrose, Pa.							
All Mash Layer	19.19	17.00	3.95	3.50	4.52	7.00	
Fitting Ration	12.88	12.00	3.81	3.75	6.65	10.00	
6-Teen Dairy Ration	16.25	16.00	3.86	4.00	7.50	9.00	
6-Teen Dairy Ration	15.63	16.00	3.96	4.00	7.73	9.00	
Lancaster Cotton Oil Company Lancaster, S. C.							
41% Protein Cottonseed Meal, Expeller, Prime Quality	42.63	41.00	5.39	3.00	10.73	14.00	
Lancaster County Farm Bureau Coop. Ass'n. Lancaster, Pa.							
16% Dari-Pak	17.88	16.00	3.48	3.00	6.64	8.00	
16% Dari-Pak "A"	16.88	16.00	3.51	3.00	7.55	8.00	
0.0011% Diethylstilbestrol Mix in 32% Steer Supplement "A"	32.00	32.00	2.96	2.50	7.72	8.00	+
0.0011% Diethylstilbestrol Mix in 32% Steer Supplement "B"	33.44	32.00	2.71	2.50	8.50	10.00	+
40% Milkmaker "B"	39.69	40.00	3.80	2.00	7.37	7.00	
40% Milkmaker "B"	40.63	40.00	3.55	2.00	6.80	7.00	
32% Steer Supplement "A"	34.50	32.00	3.60	2.50	6.47	8.00	
Lancaster Milling Company Lancaster, Pa.							
Winter Wheat Bran	15.75	15.00	3.75	3.07	8.86	10.39	
Winter Wheat Middlings	15.63	14.90	3.58	3.52	3.17	5.22	
Lancaster Processing Corporation Lancaster, Pa.							
50% Meat & Bone Meal	49.06	50.00	9.28	5.00	2.20	3.00	
50% Meat & Bone Meal	*47.69	50.00	11.26	5.00	1.46	3.00	
Ira B. Landis Feed & Farm Supply Lancaster, Pa.							
#Check-R-Mix Laying Feed (All Mash) SA	18.13	16.00	3.82	3.50	3.34	5.00	
Laney's Feed Mill Huntingdon, Pa.							
Calf & Fitting	11.56	12.00	3.17	3.00	5.97	11.00	
15% Dairy	16.06	15.00	4.00	2.50	6.54	14.00	
Horse Feed	10.63	7.00	2.76	2.50	7.42	12.50	
Horse Feed	11.56	7.00	3.56	2.50	6.75	12.50	
20% Laying Mash	20.38	20.00	5.09	3.50	6.70	6.50	
Pennsylvania Laying Mash	16.56	16.00	4.58	3.00	6.18	11.00	
Pig & Hog Meal	17.13	14.00	4.06	3.00	5.78	11.00	
Pig & Hog Meal	17.19	14.00	4.75	3.00	7.31	11.00	
Stock Feed Chop	11.13	8.00	3.21	2.50	4.41	11.00	
Stock Feed Chop	11.31	8.00	4.41	2.50	7.12	11.00	
Lantzy Milling Company Barnesboro, Pa.							
Corn, Oats & Molasses	10.00	10.00	3.59	3.00	5.39	7.00	
16% Dairy Feed	16.88	16.00	3.38	2.50	6.81	11.00	
16% Dairy Feed	16.56	16.00	3.20	2.50	5.83	11.00	
Egg Producer	19.50	19.00	4.40	4.00	5.21	8.00	
Egg Producer	19.38	19.00	4.92	4.00	4.84	7.00	
Grower	21.94	20.00	4.65	3.50	5.03	6.50	
Hog Meal	16.94	16.00	3.89	3.50	5.14	7.00	
Hog Meal	16.88	16.00	4.01	3.50	5.42	7.00	
Mixed Grains	10.63	8.00	2.44	2.00	3.40	4.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Larrowe Feed Company Subsidiary of Mowat, Wilson & Company Detroit, Mich.							
Broiler Finisher 19% (5233) Medicated	20.94	19.00	6.87	6.00	3.78	4.00	+
Broiler Starter 23% (5133) Medicated	24.06	23.00	6.91	6.50	3.15	4.00	+
Chick Builder 4133 Medicated	21.25	20.00	3.41	2.50	3.99	5.00	+
Pig Builder 3212 Medicated	20.31	18.00	5.97	5.00	3.74	3.50	+
Rabbit	18.13	16.00	3.55	2.50	11.09	17.50	
Wild Bird Food	*12.06	13.00	*5.10	8.00	4.22	12.00	
Lauhoff Grain Company Danville, Ill.							
Hominy Feed	10.31	9.00	6.30	5.00	4.31	6.00	
43% Protein Expeller Soybean Cake	42.81	43.00	4.48	4.00	7.26	7.00	
Toasted Corn Flakes	8.13	8.00	1.48	1.50	1.08	3.50	
Lebanon Valley Farm Bureau Coop. Ass'n. Lebanon, Pa.							
32% Dairy Supplement	34.69	32.00	4.15	1.50	6.82	10.00	
32% Dairy Supplement	*30.50	32.00	3.14	1.50	6.79	10.00	
Leeper Roller Mills Leeper, Pa.							
Check-R-Mix Laying Feed (All Mash) SK	16.88	16.00	4.09	3.00	4.48	6.00	
Mixed Grains	10.88	9.00	2.32	2.00	2.56	12.00	
Lehigh Farm Bureau Cooperative Assn. Wescosville, Pa.							
Intermediate Scratch	10.31	9.00	3.01	2.00	1.94	3.00	
Lehigh Valley Cooperative Farmers Allentown, Pa.							
Dried Skim Milk	36.05	34.00	0.52	0.25	0.09	0.10	
A. L. Leidy Delphi, Pa.							
Egg Mash	20.31	20.00	3.86	2.50	5.14	6.50	
Leola Feed & Grain Leola, Pa.							
#Complete Layer	16.56	17.00	3.80	3.50	5.17	6.00	
Light Street Milling Company Orangeville, Pa.							
Master Made Chick Starter Medicated	20.94	21.00	4.43	3.50	4.48	5.00	+
Master Made 16% Dairy Feed	15.63	16.00	2.63	2.50	8.85	9.00	
Master Made 16% Dairy Feed	16.69	16.00	2.45	2.50	8.77	9.00	
Master Made 20% Egg Mash	22.63	20.00	4.07	2.50	4.37	6.50	
Master Made 20% Egg Mash	19.19	20.00	4.25	2.50	4.43	6.50	
Master Made Hi-Calorie All Mash Layer	17.81	17.00	5.04	4.00	2.79	3.50	
Master Made Hog Feed	15.94	14.00	3.36	3.00	4.11	6.00	
Master Made Hog Feed	15.19	14.00	3.10	3.00	4.65	6.00	
George W. Lillick & Son Abbottstown, Pa.							
32% Dairy Concentrate	35.00	32.00	2.73	2.50	9.36	10.00	
16% Dairy Feed	16.56	16.00	3.46	2.50	9.85	13.00	
Hog Ration	17.19	16.00	3.87	3.50	5.91	8.00	
L & K Mills, Inc. Benton, Pa.							
#Layer Medicated	16.31	---	3.30	---	2.06	---	0
#Pullet Developer Grower Medicated	16.25	---	4.14	---	5.87	---	0
#Starter Medicated	18.88	---	3.77	---	3.41	---	0
Loblaw, Inc. Buffalo 6, N. Y.							
Sire Horsemeat & Horsemeat By-Products w/Gravy Dog Food	12.10	12.00	8.89	6.00	0.23	2.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Walter K. Long, Inc. Center Valley, Pa.							
All Mash Layer	17.63	17.00	5.05	4.50	3.99	4.50	
Complete Horse Pellets	11.31	10.00	2.46	2.00	20.03	30.00	
Custom Mix Complete Poultry Starter	24.38	21.00	4.05	4.00	3.39	4.00	
Custom Mix Starter Concentrate (Poultry)	42.19	44.00	4.28	5.00	*6.01	4.00	
32% Dairy Concentrate	33.75	32.00	3.23	2.50	6.24	8.00	
16% Dairy Feed	16.31	16.00	3.42	3.00	6.42	8.50	
Egg & Breeder Mash	22.19	22.00	5.08	4.50	5.23	5.00	
High Production Pellets	25.31	26.00	4.68	4.00	4.60	6.00	
Pig & Sow Concentrate	40.31	40.00	6.08	3.00	5.68	6.00	
#Pig & Hog Feed	18.88	16.00	4.63	3.50	4.57	6.50	
Rabbit Pellets	19.69	17.00	3.09	3.00	13.11	13.00	
Starter & Grower	23.75	21.00	4.45	4.00	4.28	6.00	
Audley B. Lott South Montrose, Pa.							
16% Dairy Ration	16.56	16.00	4.01	3.50	7.07	10.00	
16% Dairy Ration	17.19	16.00	3.90	3.50	7.74	10.00	
20% Dairy Ration	*17.50	20.00	3.64	3.50	6.64	10.00	
20% Dairy Ration	20.00	20.00	3.78	3.50	7.21	10.00	
12% Fitting Ration	13.75	12.00	3.17	3.25	6.09	10.00	
Super 20%	20.95	20.00	*3.05	4.00	6.01	9.50	
Super 20%	19.69	20.00	4.62	4.00	6.35	9.50	
Super 20%	21.25	20.00	4.18	4.00	8.14	9.50	
16% Winter Dairy	17.81	16.00	4.41	4.00	6.61	10.50	
16% Winter Dairy	15.73	16.00	3.67	4.00	6.24	10.50	
16% Winter Dairy	17.19	16.00	4.27	4.00	7.71	10.50	
Lottsville Milling Company Bear Lake, Pa.							
16% Dairy Ration	18.13	16.00	3.93	3.00	9.03	10.00	
Milk Maker	20.06	20.00	3.15	3.00	8.76	10.00	
Loysville Feed Company Loysville, Pa.							
27% Beef Cattle Supplement	27.50	27.00	1.55	1.00	6.72	6.50	
32% Dairy Supplement	33.06	32.00	2.70	1.00	7.63	9.00	
32% Dairy Supplement	30.63	32.00	2.51	1.00	6.68	9.00	
36% Layer Grower Concentrate	37.50	36.00	4.53	2.00	5.20	8.50	
Milk Maker	20.18	20.00	2.78	3.00	7.18	10.00	
Lummis & Company Philadelphia, Pa.							
Peanut Skins	17.56	17.00	31.38	22.00	9.99	11.00	
Lycoming Mills Williamsport, Pa.							
Calf Starter	*15.43	19.00	2.15	2.00	7.68	10.00	
Calf Starter	*16.88	19.00	3.09	2.00	7.89	10.00	
Corn & Oats Chop	10.38	10.00	3.20	3.00	6.56	6.00	
24% Dairy Feed	*20.56	24.00	3.67	2.50	11.05	10.00	
32% Dairy Feed	*30.81	32.00	*1.23	2.50	7.94	7.00	
Game Bird Grower	20.63	20.00	3.37	3.50	4.93	6.00	
Laying Mash	19.69	20.00	4.19	3.50	5.57	6.00	
Rabbit Pellets	20.31	21.00	2.58	2.50	11.99	15.00	
Rabbit Pellets	19.75	21.00	3.00	2.50	10.60	15.00	
Special Hog Meal	13.44	13.00	3.25	3.50	5.34	7.00	
Lykens Valley Roller Mills Millersburg, Pa.							
16% Dairy Feed	17.99	16.00	1.91	2.00	6.73	11.00	
Egg Mash	*18.75	20.00	3.50	2.50	5.38	6.50	
McKean Farm Service McKean, Pa.							
Chop	10.63	10.00	3.08	2.50	5.77	10.00	
Chop	9.64	10.00	2.12	2.50	5.22	10.00	
16% Dairy	15.02	16.00	*1.89	2.50	7.06	10.00	
16% Dairy	15.44	16.00	*1.81	2.50	6.80	10.00	
Hog Ration	16.88	16.00	3.28	3.00	5.49	5.00	
Hog Ration	*13.81	16.00	2.81	3.00	4.85	5.00	
Master Made Egg Mash	19.69	20.00	3.60	2.50	4.30	6.50	
Master Made Egg Mash	*18.75	20.00	3.43	2.50	4.89	6.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
McKean's Pet Food Company, Lackawaxen, Pa.							
Beef & Beef By-Products w/Gravy	13.12	12.00	*10.77	6.00	0.42	1.50	
Cat Food	9.67	10.00	3.26	2.00	0.95	1.50	
Dog Meal	*22.81	24.00	9.76	8.00	2.21	5.00	
Dog Meal	23.75	24.00	9.56	8.00	3.22	5.00	
McNaughton Milling Company, New Alexandria, Pa.							
Hog Food	17.06	14.00	3.83	3.00	3.39	6.00	
Hog Feed	15.94	14.00	3.62	3.00	4.45	6.00	
MacKnights Agway, Inc., Westfield, Pa.							
Corn & Oats Ground	11.88	8.00	4.61	3.50	7.68	9.00	
Fitting Ration	16.56	14.00	4.59	3.50	8.02	10.00	
16% Profit Maker	17.28	16.00	4.22	4.00	7.49	10.00	
18% Super Dairy	18.33	18.00	4.29	4.00	7.48	10.00	
18% Super Dairy	19.69	18.00	4.46	4.00	8.74	10.00	
Mahoning Valley Milling Company, Punxsutawney, Pa.							
All Mash Grower Medicated	18.13	16.00	3.93	3.50	7.98	8.00	+
Beef-Gro 32% Dry Lot Supplement	31.75	32.00	1.28	1.50	5.95	7.00	
Corn & Oats Chop	11.94	10.00	2.90	2.50	5.37	10.00	
Dairy 16%	17.00	16.00	2.90	2.50	10.63	10.00	
Dairy 16%	18.75	16.00	3.01	2.50	8.31	10.00	
Dairy Balancer	14.88	15.00	1.52	1.00	5.08	6.00	
Dairy Balancer	*13.81	15.00	1.29	1.00	5.13	6.00	
36% Dairy Concentrate	36.88	36.00	1.32	1.50	9.64	10.00	
20% Dairy Feed	19.91	20.00	*2.04	2.75	7.91	10.00	
Dry & Freshening Ration	13.44	12.00	2.15	2.50	8.40	10.00	
Economy Laying Mash	20.63	20.00	3.79	2.00	5.14	8.00	
16½% Hi-Energy All Mash Layer Medicated	18.56	16.50	3.95	4.00	3.72	4.75	+
40% Hog Concentrate	40.44	40.00	3.97	2.50	5.43	6.00	
20% Laying Mash Medicated	20.00	20.00	4.50	4.00	4.76	6.00	+
Pig & Hog Feed Medicated	19.69	18.00	3.41	3.00	5.09	7.00	7
Pig & Hog Feed Medicated	19.06	18.00	3.19	3.00	5.15	7.00	+
36% Poultry Concentrate	37.13	36.00	6.45	2.50	7.02	8.00	
Scratch Grains	10.63	9.00	2.71	2.00	2.69	6.00	
Scratch Grains	10.31	9.00	2.59	2.00	4.96	6.00	
Maidencreek Feed & Supply, Blandon, Pa. 19510							
Calf Grower	20.94	17.00	2.78	3.00	6.26	7.00	
16% Dairy Feed EH	17.56	16.00	2.71	2.00	6.25	9.00	
Hog Feed AH	16.25	13.00	2.91	2.50	6.13	8.00	
W. H. Manbeck & Company, Mifflin, Pa.							
#Check-R-Mix Laying Feed (All Mash) SA	16.94	16.00	4.10	3.50	3.28	5.00	
Manchester Grange, Inc., Emigsville, Pa.							
Chick Starter Medicated	22.81	20.00	5.18	3.50	5.67	6.00	5
Chick Starter Medicated	20.94	20.00	4.20	3.50	4.35	6.00	+
W. E. Manifold & Sons, Fawn Grove, Pa.							
Check-R-Mix 15% Dairy Feed	15.75	15.00	2.53	2.00	6.84	10.00	
Check-R-Mix Laying Feed (All Mash)	15.69	16.00	3.84	3.00	4.78	8.00	
R. H. Marberger, Bernville, Pa.							
18% Dairy Feed	21.31	18.00	3.15	2.30	8.34	10.00	
24% Dairy Feed	25.31	24.00	3.98	2.30	9.51	10.00	
42% Dairy Supplement	42.38	42.00	2.42	1.30	7.75	7.50	
Marine & Animal By-Products Corp., New York 7, N. Y. 10007							
Fish Meal	57.81	60.00	6.80	2.00	0.55	3.00	
Fish Meal	61.56	60.00	5.25	2.00	0.64	3.00	
Fish Meal	63.13	65.00	2.84	2.00	1.34	3.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Marshall's Feed Mill Horseheads, N. Y.							
32% Dairy Mixer	34.06	32.00	4.09	2.50	12.90	10.00	
16% Dairy Ration	18.51	16.00	*2.38	3.50	7.07	10.00	
16% Dairy Ration	19.13	16.00	3.06	3.50	6.48	10.00	
18% Dairy Ration	20.63	18.00	3.94	3.50	6.60	9.00	
Dog Food	28.44	25.00	9.55	8.00	3.67	4.00	
Dog Food	25.63	25.00	8.88	8.00	3.75	4.00	
Dry & Fresh Fitting Ration	15.63	12.00	2.91	3.00	7.21	10.00	
20% Laying Mash	21.56	20.00	7.07	4.00	4.78	6.00	
Rabbit Pellets	17.19	17.00	3.25	3.00	12.16	16.00	
Marsteller Grains, Inc. Macungie, Pa.							
32% Dairy Concentrate	34.38	32.00	1.55	1.50	8.33	8.50	
32% Dairy Concentrate	32.19	32.00	2.83	1.50	5.74	8.50	
16% Dairy Feed	*13.22	16.00	*2.38	3.00	4.81	6.50	
16% Dairy Feed	15.94	16.00	3.92	3.00	5.50	6.50	
Heifer & Dry Ration	14.06	14.00	3.94	3.00	7.50	9.00	
40% Hog Concentrate	41.56	40.00	4.46	2.00	8.84	8.50	
Super Pig Starter	22.81	20.00	4.65	3.00	6.06	5.00	
Martin Sales Company Toledo, Ohio							
Nifty Dog & Cat Food	8.94	9.00	1.07	1.00	1.58	1.50	
Martin's Feed Mill, Inc. Ephrata, Pa.							
All Mash Layer	17.19	17.00	4.28	4.00	3.99	4.50	
16% Dairy Feed	17.81	16.00	2.87	3.00	7.99	9.00	
40% Dairy Supplement	41.56	40.00	2.84	1.50	5.20	5.00	
0.0011% Diethylstilbestrol Mix in 38% Steer Supplement	38.88	38.00	3.03	3.00	11.58	15.00	+
Hog Concentrate	39.38	40.00	5.18	4.00	4.95	5.00	
M-F Laying Mash	25.31	24.00	4.57	3.50	3.75	5.00	
Pig Starter-Grower Pellets Medicated	20.13	17.00	3.67	3.00	4.36	5.00	
38% Steer Supplement	38.13	38.00	2.37	3.00	13.93	15.00	
38% Steer Supplement	40.31	38.00	3.13	3.00	14.78	15.00	
Martinsburg Milling Company Martinsburg, Pa.							
Champion All Mash Pullet Developer	15.00	14.50	3.99	3.50	4.75	5.50	
Champion Dairy Concentrate 34%	34.38	34.00	1.93	0.50	6.94	7.50	
Champion Horse Feed	12.01	12.00	3.56	3.50	6.63	10.00	
Champion Scratch Feed	9.69	9.00	3.10	2.00	2.22	4.00	
More Milk 14% Dairy	14.69	14.00	3.18	3.00	7.29	10.00	
Marzen Feed Store Lehighton, Pa.							
Chick Starter Medicated	21.38	21.00	4.08	3.50	4.81	5.00	+
Pullet Grower	20.63	18.00	3.74	3.50	7.12	7.00	
Mase & Schanbacher Liberty, Pa.							
Corn & Oats Chop	12.50	10.00	3.47	3.50	6.48	10.00	
Mauser Feed & Grain Corporation Palmerton, Pa.							
All Mash Grower	15.31	15.50	4.64	3.00	4.06	5.50	
Chick Starting Mash Medicated	22.19	20.00	4.23	4.00	4.83	5.50	+
16% Hi-Flo Dairy Feed	17.19	16.00	3.97	3.00	4.80	5.50	
16% Hi-Flo Dairy Feed	17.81	16.00	3.91	3.00	4.39	5.50	
Mauser Mill Company Treichlers, Pa.							
Soft Wheat Middlings w/Ground Wheat Screenings N.E.M.R.	17.81	14.00	4.39	4.00	7.35	9.50	
Soft Wheat Shorts w/Ground Wheat Screenings N.E.M.R.	15.75	14.50	*2.99	4.00	3.36	8.00	
Soft Winter Wheat Bran	15.13	12.50	3.24	3.50	9.53	11.00	
Spring Wheat Middlings w/Ground Wheat Screenings	20.31	16.00	6.12	3.50	8.16	9.00	
Spring Wheat Shorts w/Ground Wheat Screenings	16.88	15.00	4.03	4.00	8.83	8.00	
Wheat Bran	18.50	14.00	4.95	3.40	10.10	12.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Mavar Shrimp & Oyster Company, Inc. Biloxi, Miss.							
Kozy Kitten Cat Food	13.33	12.00	1.87	2.00	0.67	1.00	
Kozy Kitten Cat Food	13.52	12.00	3.70	2.00	0.76	1.00	
Maxton Oil & Fertilizer Company Maxton, N. C.							
41% Protein Cotton Seed Meal, Prime Quality	40.44	41.00	4.81	3.00	10.30	13.00	
Mayflower Mills Fort Wayne, Ind.							
Wheat Bran	14.63	14.00	2.32	2.50	8.01	12.00	
Wheat Bran	15.63	14.00	2.48	2.50	8.82	12.00	
Wheat Bran	15.31	14.00	2.76	2.50	9.57	12.00	
Wheat Bran	15.88	14.00	3.38	2.50	9.08	12.00	
Wheat Bran	15.31	14.00	2.86	2.50	9.68	12.00	
Wheat Middlings w/Ground Wheat Screenings N.E.M.R.	16.56	15.00	3.74	4.00	6.50	9.00	
Mazeppa Mills Lewisburg, Pa.							
Laying Mash	17.06	18.00	3.98	3.00	5.61	6.00	
Mechanicsburg Milling Company Mechanicsburg, Pa.							
Soft Winter Wheat Middlings	14.81	14.50	3.84	3.00	3.88	9.00	
Meiser's Feed Mill Richfield, Pa.							
Hi-Calorie Layer Mash	21.25	20.00	4.23	3.50	3.88	5.50	
Hi-Calorie Layer Mash	22.50	20.00	3.70	3.50	5.19	5.50	
Hog Feed	14.38	12.00	3.92	3.00	4.43	7.00	
Hog Feed	13.75	12.00	3.90	3.00	5.44	7.00	
Meiserville Milling Company Mt. Pleasant Mills, Pa.							
12% Hog Fattener	14.06	12.00	3.98	3.00	5.41	6.00	
12% Hog Fattener	14.44	12.00	3.56	3.00	4.94	6.00	
38% Hog Supplement	40.88	38.00	6.90	3.00	6.35	8.00	
36% Layer Supplement	39.19	36.00	4.28	3.00	7.05	9.00	
16% Laying Mash	17.50	16.00	3.46	2.50	4.60	8.00	
16% Laying Mash	16.06	16.00	3.60	2.50	4.42	8.00	
Dr. Melody D.V.M. Associates Dublin, Pa.							
#Dog Food	*7.27	8.00	1.63	2.00	1.26	1.00	
Mennel Milling Company Fostoria, Ohio							
Wheat Bran	15.00	13.00	3.63	3.00	10.06	12.00	
Wheat Bran	15.31	13.00	3.24	3.00	10.33	12.00	
Wheat Bran	15.06	13.00	3.79	3.00	8.80	12.00	
Wheat Bran	15.81	13.00	3.47	3.00	8.68	12.00	
Wheat Bran	15.50	13.00	3.30	3.00	9.68	12.00	
Wheat Middlings w/Ground Wheat Screenings	15.69	14.00	*2.82	3.50	4.60	9.50	
Mercer Milling Company Mercer, Pa.							
16% Dairy Feed	20.94	16.00	2.02	1.50	12.92	16.00	
32% Dairy Feed	34.06	32.00	1.82	1.50	6.87	10.00	
32% Dairy Feed	33.13	32.00	1.35	1.50	9.42	10.00	
Egg & Breeder Mash	22.19	20.00	3.53	3.00	5.97	7.00	
Hog Feed	19.06	16.00	3.21	2.50	5.63	9.00	
Hog Feed	21.25	16.00	3.86	2.50	5.13	9.00	
Messner Brothers East Earl, Pa.							
Beef & Beef By-Products	13.13	11.50	8.56	4.00	0.34	1.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Middlebury G.L.F. Service Middlebury Center, Pa.							
Corn & Oats	11.19	9.00	3.84	3.00	5.85	8.00	
Corn & Oats	12.81	9.00	3.78	3.00	6.87	8.00	
17 Dairy Ration	15.88	17.00	4.28	3.50	7.55	10.00	
17 Dairy Ration	18.13	17.00	3.80	3.50	6.61	10.00	
20 Dairy Ration	*18.12	20.00	4.21	4.00	6.84	9.00	
20 Dairy Ration	19.69	20.00	3.70	4.00	7.51	9.00	
Middleburg Rendering Works Middleburg, Pa.							
Meat Meal	51.87	50.00	16.80	10.00	3.28	6.00	
Meat Meal	*46.69	50.00	16.82	10.00	3.08	6.00	
Meat Meal	51.69	50.00	18.98	10.00	5.65	6.00	
Midland Milling & Supply Company Midland, Pa.							
Laying Mash	17.19	17.00	4.82	3.50	5.76	7.50	
Pig & Hog Grower	16.88	16.00	3.73	3.00	6.75	7.00	
Scratch Grains	10.81	8.00	3.23	2.00	2.74	5.00	
Midland-Western, Inc. Reading, Pa.							
Liv-R-Sol	59.06	60.00	7.79	8.00	0.67	1.00	
V. F. Livermeal	35.31	32.00	34.73	25.00	0.63	1.50	
Vita Fat Supplement for Dogs	22.19	15.00	24.78	20.00	1.44	2.50	
Midway Milling Company Midway, Pa.							
Egg Mash	20.63	20.00	3.16	3.50	6.41	6.50	
Egg Mash	22.50	20.00	3.33	3.50	6.29	6.50	
16% Dairy Feed	17.19	16.00	2.85	2.25	7.36	11.00	
Starter & Grower	21.31	20.00	3.43	3.00	6.46	6.50	
Midway Mills Lebanon, Pa.							
Master Made All Mash Pullet Grower Medicated	17.50	16.50	4.44	3.50	2.74	6.00	+
Master Made Calf Starter	16.59	18.00	2.89	2.50	4.87	7.00	
Master Made Chick Starter Medicated	20.63	21.00	4.37	3.50	4.53	5.00	+
32% Mixing Ration	33.13	32.00	*1.37	1.75	7.97	11.00	
The Mifflinburg Farmers' Exchange Mifflinburg, Pa.							
32% Dairy Supplement	35.75	32.00	1.89	2.00	7.96	10.00	
Master Made 18% Egg Mash	18.44	18.00	3.33	2.50	4.83	7.00	
Master Made Hog Ration	15.00	12.50	3.04	3.00	3.92	4.00	
S. E. Mighton & Company Bedford, Ohio							
#A B C Diet 1 Dog Food	12.04	10.00	1.48	2.00	1.40	1.50	
Doggie Dinner Dog Food	9.99	10.00	1.57	2.00	1.52	1.50	
Milk Specialties, Inc. Dundee, Ill.							
#Dari-Dri Foalgro	14.63	15.00	5.98	5.00	1.49	1.00	
Dari-Dri Veal Formula	21.88	20.00	18.25	20.00	0.26	0.25	
Dari-Dri Veal Formula	22.88	23.00	19.69	20.00	0.29	0.25	
H. E. Millard Mills Division of H. E. Millard Lime & Stone Company Annville, Pa.							
Dairy Balancer	17.50	15.00	0.84	0.50	*5.82	5.00	
15% Pullet Grower Medicated	16.69	15.00	4.30	3.50	5.43	7.50	+
H. H. Miller Harrisburg, Pa.							
Mixed Grain	10.38	9.00	3.39	2.00	2.66	4.00	
Roy E. Miller Canton, Ohio							
Lake-View Dehydrated Alfalfa Meal	19.06	17.00	2.54	1.80	24.83	27.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Miller Brewing Company Milwaukee, Wis.							
Brewers Dried Grain	29.81	26.00	4.92	5.00	14.97	18.00	
Brewers Dried Grain	28.75	26.00	5.32	5.00	13.79	18.00	
Brewers Dried Grain	31.25	26.00	6.34	5.00	14.11	18.00	
Miller & Bushong, Inc. Rohrerstown, Pa.							
32% Dairy Concentrate	32.81	32.00	3.77	3.00	9.68	10.00	
#0.0022% Diethylstilbestrol Mix in Green Pastures Beef Supplement	65.63	65.00	5.62	1.00	14.90	17.50	+
Early-Bird Breeder Ration Medicated	18.19	17.00	5.16	5.00	2.22	3.50	+
Early-Bird Broiler Finisher Medicated	21.56	20.00	4.72	5.00	2.17	3.00	+
Early-Bird Broiler Finisher Medicated	21.56	20.00	5.59	5.00	2.31	3.00	+
Early-Bird High Producer Pellets Medicated	23.44	22.00	5.00	4.50	2.66	3.00	+
Early-Bird Roaster Pellets Medicated	19.69	17.00	4.82	4.00	2.55	3.00	+
Horse Feed	12.05	10.00	3.25	2.50	8.96	9.00	
Sow Concentrate Medicated	41.25	38.00	1.91	2.00	5.27	5.00	+
Swine Grower Medicated	16.56	15.00	3.86	3.50	2.65	3.50	+
Miller Feed & Coal Company Conneaut Lake, Pa.							
16% Dairy Feed	17.50	16.00	2.60	2.00	8.05	10.00	
Horse Feed	*9.15	10.00	2.80	2.50	9.11	10.50	
Master Made All Mash Layer	18.13	17.00	4.25	3.50	3.14	3.50	
Scratch Grain	10.06	10.00	2.62	3.00	3.41	5.00	
Miller Feed & Implement Company Stewartstown, Pa.							
#18% Dairy Feed	20.00	18.00	2.62	3.00	10.22	11.00	
#Pig & Hog Meal	15.31	16.00	*2.49	3.50	6.04	7.00	
Miller Rendering Company New Stanton, Pa.							
Meat & Bone Scraps	50.94	50.00	10.04	8.00	2.40	4.00	
Meat & Bone Scraps	50.31	50.00	9.79	8.00	1.54	4.00	
Miller & Stitely Felton, Pa.							
All Mash Layer	17.63	16.00	2.86	3.00	4.34	4.50	
Pig & Hog Meal	16.94	16.00	3.83	3.00	5.09	5.50	
Millport Roller Mills Lititz, Pa.							
Calf Grower	20.31	18.50	2.41	2.60	6.36	7.90	
16½ Hi-Energy All Mash Layer	17.50	16.50	5.30	5.50	3.49	3.75	
Milroy Feed & Grain Milroy, Pa.							
16% Dairy	16.88	16.00	2.66	2.00	7.41	10.00	
16% Dairy	15.50	16.00	2.08	2.00	10.64	10.00	
Hog Feed	12.88	12.00	3.83	3.50	*6.44	3.00	
Minnesota Linseed Oil Company Minneapolis 21, Minn.							
32% Protein Linseed Meal, Solvent Extracted	35.00	32.00	1.92	0.50	8.74	11.00	
Mitchell Milling Company Clearfield, Pa.							
Corn & Oats Chop	10.69	9.00	3.57	3.00	6.22	8.00	
Corn & Oats Chop	10.63	9.00	3.50	3.00	4.51	8.00	
18% Dairy Ration	17.81	18.00	4.47	3.50	7.55	8.00	
Laying Mash	20.69	18.00	3.79	2.50	8.01	8.00	
Laying Mash	20.31	18.00	3.55	2.50	7.73	8.00	
Pig Ration	20.00	18.00	3.53	3.00	7.84	8.00	
Pig Ration	19.31	18.00	3.74	3.00	*11.56	8.00	
M & M Farm Supply Corporation Virginville, Pa.							
16% Dairy Feed	16.56	16.00	2.30	2.60	6.33	10.00	
Egg Mash	*17.25	20.00	2.93	2.50	5.00	6.50	
Egg Mash	19.38	20.00	3.06	2.50	6.26	6.50	
Growing Mash	16.25	18.00	*2.83	3.50	5.43	5.50	
Growing Mash	17.50	18.00	3.38	3.50	4.69	5.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Mock Seed Company Pittsburgh 30, Pa.							
Master Blend Wild Bird Seed	12.69	11.00	7.38	4.00	8.25	7.00	
Molson's Brewery (Ontario) Ltd. Toronto, Canada							
Brewers Dried Grains	24.69	24.00	*4.72	7.00	12.84	14.50	
Montgomery-Bucks Farm Bureau Coop. Ass'n. Souderton, Pa.							
All Mash Layer	18.81	16.50	3.60	3.00	2.66	4.00	
Calf Grower Pellets	18.75	18.00	3.77	2.50	4.23	6.00	
Growing Mash Medicated	20.63	21.00	4.09	3.00	2.50	4.00	+
32% Milkmaker	33.13	32.00	2.38	2.00	6.88	8.00	
16% Porkmaker	16.56	16.00	4.23	3.00	3.03	7.00	
36% Poultry Supplement	36.25	36.00	3.49	2.50	3.41	5.00	
George Q. Moon & Company, Inc. Binghamton, N. Y.							
Dairy Fitting Ration	14.69	14.00	4.64	4.00	7.22	9.00	
16% Dairy Ration	18.44	16.00	3.27	3.50	14.12	12.00	
Ground Oats	15.00	---	4.03	---	9.83	---	
Growing Mash	20.75	18.00	4.53	4.00	5.64	6.50	
#Growing Mash Medicated	21.25	18.00	3.57	4.50	6.03	6.50	+
N. E. Complete Laying Mash	15.69	16.00	4.08	3.00	7.47	9.00	
#Starter Mash	20.00	20.00	3.49	4.00	5.80	6.00	
Morgantown Feed & Grain Morgantown, Pa.							
Nutri-Rich Pep-Mix 20% Laying Mash	21.25	20.00	3.89	4.00	3.58	6.00	
Morral Farm Supply Everett, Pa.							
Hog Meal	12.50	11.00	2.56	2.50	6.14	11.00	
Hog Meal	13.44	11.00	3.14	2.50	6.40	11.00	
Mixed Chop	11.38	8.00	2.60	2.00	4.65	10.00	
Mixed Chop	11.06	8.00	2.64	2.00	5.02	10.00	
Scratch Grain	10.94	9.00	*1.65	2.00	1.84	3.00	
Scratch Grain	9.69	9.00	2.37	2.00	2.31	3.00	
John Morrell & Company Chicago, Ill.							
Red Heart Beef Flavor - A Complete Food for Dogs	11.92	11.00	4.61	2.50	0.77	1.00	
Red Heart Liver Flavor - A Complete Food for Dogs	12.91	11.00	3.67	2.50	0.72	1.00	
Red Heart Liver Flavor - A Complete Food for Dogs	12.34	11.00	3.01	2.50	0.68	1.00	
O. W. Mosteller Chester Springs, Pa.							
Heavy Grain Horse Feed	11.28	10.00	3.33	3.00	5.53	8.00	
Heavy Grain Horse Feed	12.19	10.00	3.40	3.00	6.75	8.00	
Lay-More	*17.19	20.00	3.50	3.50	4.18	6.00	
Lay-More	*17.50	20.00	3.21	3.50	5.66	6.00	
Scratch Feed	10.31	10.00	2.16	2.00	2.93	5.00	
Mountville Feed Service Columbia, Pa.							
Pig & Hog Feed	16.44	15.00	3.38	3.00	4.26	5.00	
Pig & Hog Feed	16.56	15.00	3.31	3.00	4.54	5.00	
Mowat, Wilson & Company Detroit 35, Mich.							
Dried Beet Pulp	8.75	7.00	0.52	0.30	20.44	22.50	
Dried Beet Pulp	9.38	7.00	0.47	0.30	20.26	22.50	
Dried Beet Pulp	8.75	7.00	0.47	0.30	19.61	22.50	
Dried Beet Pulp & Beet Molasses	10.00	7.00	0.58	0.30	17.13	20.00	
Moyer & Son Souderton, Pa.							
All-Mash Laying Ration	17.44	16.50	4.22	4.00	4.04	4.50	
Horse Feed	11.25	10.00	3.35	2.75	9.52	12.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
A. A. Mudge & Sons, Inc. Afton, N. Y.							
18% Dairy	18.13	18.00	4.92	3.50	7.74	10.00	
#Formula Feed for Calves	25.00	25.00	6.93	6.00	0.80	1.50	
#Fortified Horse Feed	12.75	12.00	3.69	3.50	7.39	8.00	
#Hi-N Laying Mash	23.75	20.00	3.62	3.00	6.47	6.00	
Hog Feed	18.44	17.00	4.32	3.50	6.34	8.00	
16% Test Ration	17.31	16.00	5.88	4.50	6.34	8.00	
16% Test Ration	14.69	16.00	5.63	4.50	7.21	8.00	
Thirteen Per Cent	12.50	13.00	4.57	4.00	7.49	10.00	
W. L. Mummert Company Hanover, Pa.							
Broiler Feed Medicated	21.56	20.00	4.50	5.00	2.55	3.00	17,26
35% Pig Supplement Medicated	38.13	35.00	1.90	1.00	5.66	8.00	1
65% Supplement	66.20	65.00	0.88	1.00	5.91	5.00	
Mundis Mills, Inc. York and Nashville, Pa.							
Layer Grower Concentrate	35.50	36.00	5.08	3.50	*8.01	6.00	
Pig Grower Ration	14.69	14.00	3.44	3.75	4.44	6.50	
Pig & Hog Concentrate	33.13	34.00	4.30	3.00	7.08	6.00	
Mutual Products Company Minneapolis, Minn.							
Calf Milk Replacer Medicated	25.96	25.00	5.14	4.50	1.24	2.00	
Calf Milk Replacer Medicated	26.69	25.00	5.91	4.50	1.62	2.00	
Formula 33 Milk Replacer Medicated	24.43	25.00	5.83	4.50	1.44	2.00	
Plus Vealer 2	25.84	24.00	17.59	16.00	0.14	0.25	
Plus Vealer 2	25.94	24.00	15.56	16.00	0.32	0.25	
Mutual Rendering Company, Inc. Philadelphia 34, Pa.							
45% Meat & Bone Meal	47.56	45.00	10.55	6.00	3.15	2.00	
47% Meat & Bone Meal	46.56	47.00	13.27	6.00	1.41	2.00	
50% Meat & Bone Meal	50.00	50.00	*13.77	6.00	1.68	2.00	
Myers & Fitz Greencastle, Pa.							
16% Super Lay Medicated	18.13	16.00	2.88	2.50	2.64	4.00	+
Narrowsburg Feed & Grain Company Narrowsburg, N. Y.							
All-Mash Super Laying Ration	17.50	16.00	3.87	4.00	3.67	4.00	
"Blue Tag" Super Laying Mash	19.06	20.00	3.82	3.50	3.93	4.50	
Fitting Ration	14.38	14.00	4.02	3.50	8.16	9.00	
Superfat 16% Dairy Ration	17.50	16.00	4.62	4.50	7.40	8.50	
Superfat 18% Dairy Ration	19.06	18.00	4.69	4.50	9.35	8.50	
National Alfalfa Dehydrating & Milling Company Kansas City, Mo. 64111							
17% Dehydrated Alfalfa Meal w/Ethoxyquin	18.44	17.00	2.90	1.50	25.58	27.00	
National Biscuit Company Toledo, Ohio							
Wheat Bran	15.00	13.00	3.34	3.00	9.59	10.00	
Wheat Bran	15.63	13.00	2.76	3.00	9.62	10.00	
Wheat Bran	15.13	13.00	2.83	3.00	9.87	10.00	
National Distillers Products Company Div. of National Distillers & Chemical Corp. Cincinnati, Ohio							
Produlac Special Process Corn Distillers Dried Solubles w/Grains	27.56	25.00	8.97	8.00	6.74	9.00	
National Malting Company Paterson, N. J.							
Malt Sprouts	33.13	24.00	1.08	1.00	12.31	15.00	
National Oats Company Cedar Rapids, Iowa							
Reground Oat Mill By-Product	5.00	3.00	1.19	1.00	28.56	32.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
National Packing Corporation Waltham, Mass.							
Cat Food	9.88	10.00	2.95	2.00	0.47	1.00	
Cat Food	*8.28	10.00	1.82	2.00	0.50	1.00	
National Starch & Chemical Company Indianapolis, Ind.							
Corn Gluten Feed	22.88	21.00	3.57	1.00	9.65	10.00	
Corn Gluten Feed	21.88	21.00	1.42	1.00	9.95	10.00	
Naugle's Feed & Supply Berlin, Pa.							
Pork Producer Medicated	15.31	15.00	3.19	3.00	4.90	6.00	1
H. W. Neiger Milling Company Lake City, Pa.							
Master Made All Mash Layer	16.38	17.00	4.03	4.00	2.50	3.50	
Master Made Starter & Grower	19.69	18.00	4.35	3.50	4.47	5.50	
Neumond, Inc. St. Louis, Mo.							
Brewers Dried Grains	30.00	26.00	5.52	4.50	14.80	18.00	
Brewers Dried Grains	29.38	26.00	5.68	4.50	13.76	18.00	
J. J. Newberry (Distributor) New York, N. Y.							
#Wild Bird Feed	11.25	10.00	4.51	3.00	7.07	9.00	
The New Century Company Chicago 9, Ill.							
Brewers Dried Grains	29.44	26.00	6.48	5.00	13.22	18.00	
Brewers Dried Grains	31.88	26.00	6.58	5.00	11.18	18.00	
Brewers Dried Grains	28.44	26.00	5.53	5.00	14.04	18.00	
New England By-Products Corporation Winchester, Mass.							
#Senior Blend	44.88	40.00	10.20	5.00	7.40	8.00	
New Yorker Cheese Company Philadelphia, Pa. 19106							
Emco Meal	18.56	18.00	13.48	12.50	1.33	2.50	
Nichols Coop. G.L.F. Service, Inc. Nichols, N. Y.							
#18% Dairy	19.81	18.00	4.16	3.50	7.45	10.00	
Nickel Plate Mills, Inc. Erie, Pa.							
Corn & Oats Chop	12.32	9.00	3.08	3.00	5.82	10.00	
Corn & Oats Chop	10.44	9.00	3.30	3.00	6.98	10.00	
Hog Feed	19.19	17.00	3.83	3.50	6.29	10.00	
Hog Feed	17.50	17.00	3.74	3.50	6.01	10.00	
Poultry Mash	20.63	17.00	4.33	3.00	6.67	9.00	
Poultry Mash	17.63	17.00	3.93	3.00	7.07	9.00	
Scratch Feed	10.00	9.00	3.27	3.00	3.08	9.00	
Starter & Grower Mash	20.94	17.00	3.97	3.00	6.41	9.00	
Ninety Six Manufacturing Company Ninety Six, S. C.							
#41% Protein Cottonseed Meal, Prime Quality	39.06	41.00	4.55	3.00	12.06	13.00	
Ira Missley, Inc. Morgantown, Pa.							
All Mash Pullet Developer Medicated	14.81	14.50	5.74	3.50	5.32	5.50	15
All Mash Pullet Grower Medicated	16.88	16.50	3.37	3.50	5.70	6.00	15
Egg Mash	22.19	20.00	4.50	4.00	4.36	5.00	
Hi-Energy All Mash	16.88	16.50	4.17	4.00	2.56	3.50	
Horse Feed	12.19	11.00	*2.31	3.00	6.86	9.00	
Pig Feed Medicated	14.06	14.00	4.22	3.00	2.17	5.00	+
Sow Feed	15.63	14.50	3.12	3.00	7.60	7.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Nittany Valley Feed & Grain Bellefonte, Pa.							
32% Dairy Supplement	35.00	32.00	1.75	1.00	6.36	8.00	
Laying Mash	19.69	20.00	3.80	2.50	4.54	6.50	
Pig Meal	15.31	14.00	3.60	3.00	5.49	5.00	
C. O. Nolt & Son Bird-In-Hand, Pa.							
32% Dairy Concentrate	30.50	32.00	1.84	1.00	7.45	6.50	
Dog Food	22.81	23.00	5.32	5.00	3.91	4.00	
20% Egg Mash Medicated	19.56	20.00	4.37	4.00	5.35	6.50	+
Northampton Farm Bureau Coop. Assn. Tatamy, Pa.							
All Breed Horse Ration	14.05	12.00	3.15	3.00	7.27	9.50	
Coarse Scratch	10.94	10.00	2.57	2.50	3.58	5.00	
Complete Horse Feed	14.20	12.00	2.45	1.50	11.69	20.00	
Hog Feed	16.94	14.00	3.20	3.50	5.27	7.00	
North Penn Hide Company, Inc. Elizabethville, Pa.							
Meat & Bone Scraps	60.38	50.00	10.44	6.00	1.79	3.00	
Northern Ohio Sugar Company Denver, Colo.							
Dried Beet Pulp	9.88	8.00	0.41	---	19.96	22.50	
Dried Beet Pulp	10.06	8.00	0.41	---	17.50	22.50	
Dried Beet Pulp	10.00	8.00	0.46	---	18.36	22.50	
Dried Beet Pulp	9.38	8.00	0.29	---	17.93	22.50	
Dried Beet Pulp	9.38	8.00	0.24	---	18.08	22.50	
Dried Beet Pulp	10.69	8.00	0.47	---	20.08	22.50	
Dried Beet Pulp	9.06	8.00	0.56	---	19.30	22.50	
Dried Beet Pulp	9.50	8.00	0.21	---	20.14	22.50	
Norton & Company Alexandria, Va.							
Animal Fat	---	---	90.00	99.50	---	---	
O'Brien Milling Company Waterford, Pa.							
Complete Laying Ration Medicated	16.63	17.00	4.77	3.50	2.62	3.50	+
Oelwein Chemical Company Oelwein, Iowa 50662							
Occo Lak for Livestock & Poultry	6.13	4.50	0.80	1.00	*7.44	4.00	
P. J. Oesterling & Son, Inc. Butler, Pa.							
All Mash Egg	17.31	16.00	5.00	3.50	2.78	4.50	
All Mash Grower Medicated	17.50	16.00	4.65	3.50	2.87	4.50	+
6V Chick Starter Medicated	21.63	22.00	3.94	3.00	3.47	4.50	+
Customer's Dairy Mix	18.25	---	1.85	---	8.15	---	
Customer's Mix Dairy Feed	16.69	---	1.86	---	8.27	---	
No. 1 Egg Mash	20.94	20.00	4.50	3.00	5.83	5.50	
Ener-Jets Exploded Dog Ration	25.31	25.00	7.51	7.00	3.16	4.00	
Growing Mash Medicated	21.69	20.00	4.32	3.00	5.19	5.50	+
Wild Bird Seed	10.31	10.00	5.28	4.00	3.84	5.00	
Ogilvie Flour Mills Company, Ltd. Montreal, Quebec, Canada							
Wheat Bran	16.56	15.00	4.51	3.50	12.17	12.00	
#Wheat Middlings w/Ground Wheat Screenings	19.06	16.00	5.10	4.00	7.41	9.50	
Ohio Blenders, Inc. Toledo, Ohio							
17% Dehydrated Alfalfa w/Ethoxyquin	17.19	17.00	2.77	1.50	22.87	27.00	
The Ohio Seed Company West Jefferson, Ohio							
#Wild Bird Feed Mix	10.00	10.00	*4.45	6.00	5.02	6.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Old Port Milling Company Port Royal, Pa.							
32% Dairy Concentrate	33.75	32.00	1.96	1.50	7.45	10.00	
32% Dairy Concentrate	32.94	32.00	1.80	1.50	9.22	10.00	
16% Dairy Feed	17.19	16.00	2.94	2.00	7.12	11.00	
35% Hog Supplement Medicated	40.31	35.00	3.35	2.50	8.03	9.00	+
Lay Mash Medicated	*18.69	20.00	4.55	4.20	6.23	6.10	+
Lay Mash Medicated	19.06	20.00	4.29	4.20	5.34	6.10	+
36% Poultry Supplement	35.44	36.00	4.16	2.50	6.38	8.00	
Oliger Seed Company Akron 14, Ohio							
Wild Bird Seed	12.81	12.00	8.83	5.00	*7.98	6.50	
Owensboro Grain Company, Inc. Owensboro, Ky.							
44% Protein Soybean Meal, Solvent Extracted	*42.06	44.00	0.98	0.50	9.02	7.00	
44% Protein Soybean Meal, Solvent Extracted	45.00	44.00	1.13	0.50	6.62	7.00	
Pabst Brewing Company Milwaukee, Wis.							
Brewers Dried Grains	29.38	26.00	5.71	6.00	11.66	16.00	
Palmer Feed Company Linesville, Pa.							
16% Dairy Feed	18.19	16.00	2.49	2.50	10.55	15.00	
Horse Feed	11.51	10.00	3.10	2.50	5.87	9.00	
Pig Feed	19.06	18.00	2.97	2.00	4.67	8.00	
Palmetto Oil Company Bishopville, S. C.							
41% Protein Cottonseed Meal, Prime Quality	42.81	41.00	4.10	3.00	10.24	14.00	
J. D. Palm's Mill Port Royal, Pa.							
14% Dairy Feed	16.56	14.00	2.52	2.00	8.65	10.00	
14% Dairy Feed	18.25	14.00	2.58	2.00	10.96	10.00	
20% Egg Mash	*18.00	20.00	4.27	3.50	4.85	7.00	
20% Egg Mash	19.38	20.00	3.46	3.50	6.03	7.00	
14% Pig & Sow Feed	15.63	14.00	3.01	3.00	5.70	6.00	
14% Pig & Sow Feed	18.75	14.00	3.02	3.00	5.75	6.00	
Palmyra Feed & Grain Company Palmyra, Pa.							
#Check-R-Mix Hog Grower (SM)	14.25	15.00	2.80	2.50	4.50	6.00	
Parrish & Heimbecker, Ltd. Toronto, Ontario, Canada							
#Ground Oat Hulls	10.44	3.00	3.31	0.50	14.49	33.00	
Malt Sprouts	29.38	24.00	0.99	1.00	13.44	16.00	
Paterson Tallow Company, Inc. Paterson, N. J.							
50% Meat Scraps	49.06	50.00	10.83	6.00	1.58	3.00	
Lee Patten Seed Company Moonachie, N. J.							
Wild Bird Food	12.50	12.00	5.50	6.00	7.82	7.00	
Pen Argyl Milling Company, Inc. Pen Argyl, Pa.							
Buckwheat Feed	20.44	18.00	4.87	4.00	12.84	15.00	
Penick & Ford, Ltd., Inc. Cedar Rapids, Iowa							
#Corn Germ Meal (Wet Milled)	23.56	20.00	1.67	0.50	10.80	11.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Penn Coffee & Tea Company Wilkes-Barre, Pa.							
#Town Topic Dog Food	9.56	8.00	2.44	1.50	1.29	2.50	
Penn Dutch Supply Company Sub. of New Holland Supply Company, Inc. New Holland, Pa.							
Strictly for the Birds	10.31	10.00	3.53	3.00	5.53	9.00	
Penns Creek Flour & Feed Mills Spring Mills, Pa.							
16½% Complete Layer Ration	16.56	16.50	3.64	3.00	3.74	4.00	
36% Dairy Concentrate	36.86	36.00	2.94	3.00	6.60	9.00	
36% Dairy Concentrate	38.75	36.00	4.46	3.00	9.29	9.00	
20% Egg Mash	20.00	20.00	3.58	2.80	4.99	5.20	
16% Hog Feed	18.75	16.00	2.87	3.00	3.86	4.00	
38% Hog Supplement	39.19	38.00	5.18	3.00	6.60	6.50	
Horse Feed	13.44	12.00	3.49	3.50	7.79	12.00	
40% Layer Concentrate	41.56	40.00	3.88	2.00	8.01	8.00	
Pep-Mix Hog Grower Medicated	17.19	15.00	3.69	3.00	3.70	6.00	1
Pep-Mix Laying Mash	21.56	20.00	4.21	3.00	5.93	7.00	
Pep-Mix Laying Ration	17.75	16.00	3.89	3.25	3.45	4.50	
Poultry Supplement	36.25	36.00	5.04	2.00	6.42	9.50	
Pennsylvania Farm Bureau Coop. Assn. Harrisburg, Pa.							
Feathered Delight Wild Bird Feed	13.75	11.00	7.94	4.50	6.94	8.00	
Merit Mix All Mash Medicated	18.56	16.00	3.93	3.00	4.32	5.50	+
Merit Mix Dari 16	18.44	16.00	2.19	1.75	6.60	10.00	
Merit Mix Dari 20	21.30	20.00	2.73	2.50	7.13	10.00	
Merit Mix Dari 16-M	17.98	16.00	3.43	3.00	6.71	10.00	
Merit Mix Grower "18" Medicated	18.94	18.00	3.60	3.00	5.47	7.00	+
Merit Mix Layer 20 Medicated	21.25	20.00	3.77	3.00	4.53	5.50	+
Merit Mix Layer 20 Medicated	20.06	20.00	3.71	3.00	3.86	5.50	+
Merit Mix Layer 20 Medicated	20.13	20.00	3.56	3.00	3.61	5.50	+
Merit Mix Layer 20 Medicated	20.94	20.00	4.39	3.00	5.15	5.50	+
Merit Mix Layer 20 Medicated	23.75	20.00	3.45	3.00	4.45	5.50	+
Merit Mix Pork 13 Medicated	14.38	13.00	4.33	3.00	4.49	6.50	+
Merit Mix Pork 13 Medicated	15.31	13.00	3.26	3.00	4.93	6.50	+
Merit Mix Pork 13 Medicated	14.63	13.00	3.42	3.00	4.03	6.50	+
Merit Mix Pork 13 Medicated	14.19	13.00	3.30	3.00	4.21	6.50	+
Merit Mix Scratch Feed	10.19	9.00	3.06	2.50	4.25	5.00	
Merit Mix Utility 16	15.00	16.00	3.15	1.75	7.07	10.00	
Pennsylvania Hide & Rendering Company Avoca, Pa.							
Meat & Bone Scraps	48.75	50.00	9.17	9.00	2.52	3.00	
Meat & Bone Scraps	50.94	50.00	11.22	9.00	2.61	3.00	
Meat & Bone Scrap	50.31	50.00	9.64	9.00	1.72	3.00	
Meat & Bone Scrap	54.69	50.00	8.53	9.00	1.88	3.00	
John J. Pepin & Company Memphis, Tenn.							
#41% Protein Cottonseed Meal, Prime Quality	42.94	41.00	3.27	3.00	10.20	14.00	
A. W. Perdue & Son, Inc. Salisbury, Md.							
50% Protein Dehulled Soybean Meal, Solvent Extracted	50.00	50.00	2.86	0.50	2.85	3.00	
44% Protein Soybean Meal, Solvent Extracted	45.31	44.00	1.22	0.50	6.51	7.00	
Soybean Mill Run	11.88	11.00	1.20	0.50	34.02	35.00	
Perrysburg Alfalfa Mills, Inc. Perrysburg, Ohio							
17% Dehydrated Alfalfa Meal	16.88	17.00	2.97	1.50	23.90	27.00	
Petburger Products Canastota, N. Y.							
Dog Food	*12.14	14.00	7.79	7.00	1.88	1.50	
Dog Food	*12.02	14.00	6.73	7.00	1.04	1.50	
Liver Treat Cat Food	13.57	14.00	7.24	5.00	1.01	2.00	M
Liver Treat Cat Food	14.47	14.00	6.67	5.00	0.84	2.00	M

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Petersburg Milling Company Bessemer, Pa.							
Calf Starter	15.31	14.00	2.78	3.00	6.84	9.00	
Egg Mash Medicated	20.94	20.00	4.10	3.00	3.73	4.50	+
Grower Medicated	19.50	18.00	3.86	3.00	5.12	5.50	+
Philadelphia Dry Yeast Company Philadelphia, Pa.							
Brewers Dried Yeast	44.06	43.00	0.53	1.00	1.35	3.00	
Brewers Dried Yeast	39.63	40.00	0.54	1.00	1.25	3.00	
The Philadelphia Seed Company, Inc. Philadelphia 5, Pa.							
Economy Pigeon Feed	10.00	10.00	3.82	2.00	4.00	4.00	
Lyric Canary-Rape Mixture	18.31	15.00	15.40	4.00	6.69	7.00	
Lyric Finch Mixture	12.88	12.00	4.00	3.00	8.24	7.00	
Lyric Parra-Delite	15.69	12.00	12.43	3.00	6.52	11.00	
Lyric Song Food	20.88	16.00	38.36	10.00	11.20	12.00	
Lyric Superfine Bird Seed Mixture	17.81	15.00	14.46	4.00	7.13	7.00	
Parrakeet Mixture	14.00	11.00	4.76	3.00	8.00	8.00	
Parrot Food Mixture	15.94	15.00	24.52	18.00	26.01	26.00	
Pigeon Feed No. 1	13.25	11.20	2.73	2.00	4.51	4.00	
Racing Feed	17.50	18.00	2.25	1.50	5.00	5.00	
Phillip's Feed Service, Inc. Germansville, Pa.							
Check-R-Mix Laying Mash LN	23.44	22.00	3.49	3.50	5.10	7.00	
Check-R-Mix Pig Grower (SD)	18.31	16.00	2.73	2.50	4.42	6.00	
The Pillsbury Company Minneapolis, Minn.							
Wheat Bran	15.31	13.50	3.96	2.50	11.39	12.00	
Wheat Bran w/Ground Wheat Screenings	16.56	13.50	4.09	2.50	10.06	12.00	
Wheat Germ Meal	26.38	25.00	8.45	8.00	4.28	4.00	
Wheat Red Dog	15.94	15.00	4.33	3.50	3.51	4.00	
Pittsburgh Brewing Company Pittsburgh, Pa.							
Brewers Dried Grains	32.50	24.00	*3.24	6.00	11.71	18.00	
Brewers Dried Grains	29.19	24.00	5.22	6.00	15.14	18.00	
Pittsburgh Plate Glass Company Linseed Oil Division Red Wing, Minn.							
Red Wing 32% Protein Linseed Meal, Solvent Extracted	38.00	32.00	0.83	0.50	9.76	11.00	
Red Wing 32% Protein Linseed Meal, Solvent Extracted	34.38	32.00	0.50	0.50	10.29	11.00	
L. C. Plank Biglerville, Pa.							
Hog Feed	16.25	15.00	4.24	3.00	5.60	7.00	
Wheat Middlings	14.38	14.00	3.76	3.00	4.03	6.00	
Wheat Middlings	14.38	14.00	3.57	3.00	3.20	6.00	
Planters Cotton Oil Company Rocky Mount, N. C.							
41% Protein Cottonseed Meal, Solvent Extracted	41.56	41.00	2.87	3.00	11.14	14.00	
Planters Peanuts Div. of Standard Brands, Inc. Suffolk, Va.							
36% Protein Peanut Meal	39.81	36.00	6.92	4.50	5.65	7.00	
45% Protein Peanut Meal	50.25	45.00	6.57	3.50	3.97	6.00	
45% Protein Peanut Meal	48.44	45.00	7.08	3.50	3.73	6.00	
45% Protein Peanut Meal	49.69	45.00	5.72	3.50	4.13	6.00	
Frank Platt & Company Spartansburg, Pa.							
Dairy Feed	18.40	18.00	2.70	2.00	6.27	9.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Pleasant Valley Roller Mills, Leesport, Pa.							
Dairy Balancer	14.69	14.00	0.95	0.50	4.73	6.00	
Dairy Feed	17.50	16.00	3.46	3.00	7.21	9.00	
Hog Concentrate	30.00	30.00	3.04	2.25	5.30	5.00	
Steer Cattle Concentrate	25.31	26.00	1.30	1.50	6.81	6.00	
Portville Agway, Inc., Shinglehouse, Pa.							
C & O	10.00	10.00	4.10	3.00	5.81	9.00	
Post Division, General Foods Corporation, Battle Creek, Mich.							
Burt's Cereal Feed	19.06	16.00	2.68	3.00	19.19	21.00	
Burt's Cereal Feed	20.00	16.00	2.96	3.00	18.25	21.00	
Wheat Bran	15.31	12.00	3.02	2.50	8.94	12.00	
Pottstown Roller Mills, Inc., Pottstown, Pa.							
Breeder Concentrate	36.88	32.00	4.47	4.00	7.12	8.00	
Egg Mash	20.19	20.00	3.17	3.00	5.16	5.50	
Scratch Feed	10.00	9.00	2.37	2.00	2.46	5.00	
Prestons, Inc., Canton, Pa.							
Calf Starter & Grower	16.09	15.00	*1.96	3.00	6.25	10.00	
Calf Starter & Grower	17.19	15.00	2.89	3.00	6.50	10.00	
16% Dairy	17.81	16.00	3.98	3.00	6.46	10.00	
18% Dairy	20.31	18.00	3.61	3.00	6.55	10.00	
32% Mixing Ration	35.63	32.00	3.48	2.00	8.58	10.00	
Super Egg Mash	19.69	20.00	3.47	3.00	4.92	5.50	
The Price-Wilhoite Company, Frederick, Md.							
Blue Ribbon Golden Biscuits	22.06	16.00	*1.34	2.00	2.20	3.00	
Blue Ribbon Golden Kibbled Dog Food	24.81	16.00	3.05	2.00	2.07	3.00	
D & G Dog Food	25.94	22.00	5.12	3.00	2.32	3.00	
Pride of the Valley Mills, Inc., Spring Valley, N. Y.							
#Pride of Rockland Wild Bird Food	12.81	12.00	6.22	4.00	6.65	9.00	
Prime Veal Feeds Company, Inc., Fredericksburg, Va.							
#Calf Milk Replacer	24.69	24.00	18.68	21.00	0.22	0.20	
High Conversion Milk Replacer	24.69	24.00	21.73	21.00	0.20	0.20	0
High Conversion Milk Replacer	24.50	24.00	19.90	21.00	0.45	0.20	0
High Conversion Milk Replacer Medicated	24.19	24.00	19.30	21.00	0.35	0.20	
High Conversion Milk Replacer Medicated	24.44	24.00	20.32	21.00	1.05	0.20	
Pringle Feed Store, Greenville, Pa.							
Hi-Calorie Egg Mash	21.56	20.00	4.52	3.50	2.99	3.50	
Hi-Calorie Egg Mash	21.56	20.00	5.00	3.50	3.11	3.50	
Hog Feed	17.81	14.00	3.17	3.00	4.22	8.00	
16% More Milk	18.44	16.00	2.80	2.50	6.23	10.00	
16% More Milk	19.38	16.00	2.58	2.50	8.18	10.00	
Pritts Feed Mills, Mount Pleasant, Pa.							
#Master Made All Mash Grower Medicated	17.19	16.50	3.44	3.50	4.65	6.00	+
Master Made Complete Layer	16.13	15.00	3.49	3.50	3.99	5.00	
Master Made Complete Layer	16.63	15.00	3.65	3.50	3.20	5.00	
Master Made Complete Layer w/Pellets	16.94	15.00	3.37	3.50	4.55	5.00	
Master Made Complete Layer w/Pellets	17.19	15.00	3.94	3.50	3.69	5.00	
Master Made 16% Dairy Feed	16.23	16.00	2.48	2.50	7.77	9.00	
Master Made 16% Dairy Feed	16.56	16.00	3.13	2.50	7.42	9.00	
Pritts Feed & Supply, Smithton, Pa.							
Master Made All Mash Pullet Grower	17.31	16.50	4.38	3.50	5.17	6.00	
Master Made Hi-Calorie All Mash Layer	18.44	17.00	5.03	4.00	2.86	3.50	
Master Made Hi-Calorie All Mash Layer w/Pellets	17.31	17.00	4.03	4.00	2.45	3.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Provimi, Inc. Saddle Brook, N. J.							
Prime Vealer	21.56	20.00	21.76	25.00	0.18	0.20	
Prime Vealer	23.29	24.00	18.96	16.00	0.34	0.20	
Prime Vealer	25.52	24.00	16.05	16.00	0.25	0.20	
Prime Vealer	23.87	24.00	19.78	16.00	0.19	0.20	
Publicker Industries, Inc. Philadelphia, Pa.							
25% Corn Distillers Dried Grains	25.63	25.00	9.43	8.00	10.66	15.00	
25% Corn Distillers Dried Grains	26.56	25.00	10.18	8.00	9.06	15.00	
25% Corn Distillers Dried Grains	26.56	25.00	10.66	8.00	11.76	15.00	
25% Corn Distillers Dried Grains	28.44	25.00	12.17	8.00	8.58	15.00	
25% Corn Distillers Dried Grains w/Solubles	26.69	25.00	9.51	8.00	9.24	9.00	
Purity Flour Mills, Inc. Mill Hall, Pa.							
Hog Meal	15.94	15.00	3.67	2.50	4.93	8.00	
Hog Meal	16.56	15.00	3.32	2.50	3.73	8.00	
Laying Mash	22.50	20.00	5.36	2.50	4.54	6.50	
Laying Mash	19.38	20.00	5.12	2.50	4.72	6.50	
Mixed Grains for Poultry	10.63	9.50	2.45	2.50	3.06	6.00	
Quaker City Packing Company Allentown, Pa.							
#Beef By-Products in Gravy Dog Food	10.24	10.50	4.63	5.50	0.41	1.00	
Beef Chunks Dog Food	12.46	13.00	12.41	9.00	0.37	1.00	
Beef Dog Food	12.86	13.00	8.62	9.00	0.45	1.00	
Beef & Fish Dog Food	*9.45	12.00	*1.22	6.00	0.07	1.00	
Beef & Fish Dog Food	12.75	12.00	*0.71	6.00	0.16	1.00	
Beef & Fish Dog Food	12.64	12.00	*0.46	6.00	0.13	1.00	
#Chicken Parts Dog Food	10.71	10.00	*11.32	6.00	0.16	1.00	
Chicken Parts Dog Food	11.70	10.00	9.52	6.00	0.38	1.00	
#Horsemeat Chunks Dog Food	*11.14	13.00	7.37	6.00	0.51	1.00	
Horsemeat Chunks Dog Food	12.77	13.00	*13.56	6.00	0.30	1.00	
Horsemeat Chunks Dog Food	13.57	13.00	7.45	6.00	0.26	1.00	
#Ready Cooked Beef Liver Cat & Dog Food	15.47	13.00	3.30	4.00	0.31	1.00	
Ready Cooked Beef Liver Cat & Dog Food	16.88	13.00	4.37	4.00	0.47	1.00	M
The Quaker Oats Company Chicago, Ill. 60654							
Calf Starter	26.88	25.00	3.16	3.50	6.62	8.00	
Cattle-izer Dairy Concentrate	33.13	32.00	10.40	8.00	6.47	7.00	
Cattle-izer Dairy Concentrate	32.69	32.00	9.53	8.00	5.23	7.00	
Growing Mash (W) Medicated	20.31	19.00	4.03	3.50	5.21	8.00	+
Ken-L-Biscuit	25.63	23.00	6.82	7.00	1.85	3.00	
Ken-L-Burger for Dogs	14.94	15.00	8.47	6.00	0.35	1.00	
Ken-L Meal	24.69	23.00	6.35	7.00	3.01	5.00	
Ken-L-Ration Liver Flavor Dog Food	10.99	10.00	4.25	3.50	0.57	1.00	
Ken-L-Ration Stew	8.05	8.00	7.42	4.00	0.84	1.00	
Puss 'n Boots Fish Flavor Cat Food	11.72	12.00	*6.54	2.00	0.61	1.50	
Schumacher Feed	13.75	12.00	2.86	2.50	10.30	12.00	
Sow Supplement	37.19	35.00	2.43	2.50	8.22	10.00	
Starter Grower Concentrate	41.75	38.00	4.01	2.50	4.30	6.00	
Super Broiler Concentrate (RR_2) Medicated	45.00	46.00	4.80	4.50	3.09	5.00	+
Super Broiler Finisher (RR) Medicated	22.19	20.00	5.52	5.00	2.38	3.50	+
Super Layer Concentrate L	40.63	40.00	5.97	5.00	5.46	7.00	
White Hominy Feed S	12.06	10.00	5.19	5.00	5.81	7.00	
White Hominy Feed S	12.19	10.00	6.27	5.00	7.26	7.00	
Ralston Purina Company St. Louis, Mo.							
(BIR) Milking Chow D (Complete Ration)	13.44	12.00	2.30	2.00	14.07	20.00	
Broiler Chow Finisher #1 MP Medicated	21.88	20.00	7.72	4.50	2.25	4.50	+
Bulky Las	11.23	10.00	1.19	1.00	13.27	15.00	
Bulky Las	11.84	10.00	1.72	1.00	12.69	15.00	
Calf Chow	14.68	14.00	3.35	2.50	6.09	8.00	
Calf Chow	15.94	14.00	3.34	2.50	5.96	8.00	
Calf Startena	18.44	19.50	3.47	2.50	6.61	8.00	
Calf Startena	22.50	19.50	3.31	2.50	7.65	8.00	
Cat Chow	34.69	30.00	9.28	7.00	2.12	4.50	
Checkerboard Knoxville Special 16% Dairy	16.56	16.00	3.24	3.00	7.33	10.00	
Chick Chow (Coarse)	9.06	9.00	3.00	2.00	1.73	4.00	
Chick Chow (Coarse)	9.50	9.00	2.52	2.00	4.40	4.00	
#Chick Chow (Fine)	9.69	9.00	3.04	2.00	1.48	4.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Ralston Purina Company - Continued							
Chick Growena	18.56	17.00	3.63	3.00	4.08	7.00	
Chick Startena ZO-V Medicated	21.25	18.00	4.38	3.00	4.07	6.00	+
Chick Startena ZO-V Medicated	21.25	18.00	4.33	3.00	3.59	6.00	+
Chick Startena ZO-V Medicated	19.06	18.00	4.16	3.00	4.70	6.00	+
Chick Startena ZO-V Medicated	21.25	18.00	4.10	3.00	4.60	6.00	+
Chick Startena ZO-V Medicated	19.69	18.00	4.64	3.00	4.35	6.00	+
Chicken Breeder Chowder	37.31	36.00	5.38	4.00	6.09	8.00	
Complete Sow Chow	15.31	14.00	3.38	2.50	5.06	6.00	
Complete Sow Chow	14.50	14.00	3.33	2.50	5.18	6.00	
Complete Sow Chow	16.25	14.00	2.44	2.50	4.75	6.00	
Complete Sow Chow	14.06	14.00	3.54	2.50	3.84	6.00	
Cow Chow Concentrate 32%	34.06	32.00	1.97	1.00	5.88	10.00	
Cow Chow Concentrate 36%	37.81	36.00	1.95	1.00	6.98	10.00	
Cow Chow Concentrate 36%	36.38	36.00	2.73	1.00	8.53	10.00	
Cow Chow Concentrate 36%	38.75	36.00	1.88	1.00	5.48	10.00	
#Cow Chow Concentrate 50%	52.50	50.00	2.31	1.00	5.15	10.00	
Cow Chow Concentrate 50%	53.44	50.00	2.06	1.00	5.70	10.00	
Cow Chow Concentrate (F) 32%	37.19	32.00	2.39	1.00	6.30	10.00	
Cow Chow Concentrate (F) 32%	35.63	32.00	1.97	1.00	6.50	10.00	
Cow Chow Concentrate G 32%	33.75	32.00	2.68	1.00	7.51	10.00	
Cow Chow Concentrate G 32%	34.38	32.00	1.97	1.00	6.89	10.00	
Cow Chow Concentrate G 32%	35.94	32.00	2.24	1.00	8.74	10.00	
Cow Chow Concentrate G 32%	33.75	32.00	3.07	1.00	8.44	10.00	
Cow Chow Concentrate G 50%	53.56	50.00	3.11	1.00	5.31	10.00	
#Cow Chow Concentrate H 32%	33.13	32.00	2.31	1.00	7.10	10.00	
Cow Chow D 16%	17.19	16.00	3.73	2.50	4.97	6.00	
Cow Chow (F) D 16%	16.31	16.00	3.40	2.50	3.56	6.00	
Dairy Chow I 16%	17.35	16.00	2.47	2.50	9.44	12.00	
Dairy Chow 1 (G) 16% (Coarse)	17.81	16.00	2.25	2.50	10.10	12.00	
Dairy Concentrate 32%	35.63	32.00	2.38	1.00	6.50	10.00	
Dairy Concentrate 32%	33.13	32.00	2.69	1.00	6.14	10.00	
#Dairy Concentrate (K) 32%	35.69	32.00	3.18	1.00	7.58	10.00	
Dairy Chow F 16%	17.50	16.00	3.32	2.50	11.29	15.00	
D & F Chow	13.72	12.50	2.53	2.50	8.86	11.00	
D & F Chow (Coarse)	13.91	12.50	2.55	2.50	8.79	11.00	
D & F Chow (Coarse)	14.83	12.50	2.34	2.50	8.26	11.00	
D & F Chow (Coarse)	14.37	12.50	2.32	2.50	8.97	11.00	
D & F Chow Supplement	16.25	13.00	2.95	2.00	9.52	10.00	
D & F Chow Supplement	14.46	13.00	2.13	2.00	8.61	10.00	
D & F Chow Supplement	15.31	13.00	3.17	2.00	7.95	10.00	
D & F Chow Supplement	15.58	13.00	2.41	2.00	9.26	10.00	
0.0023% Dienestrol Diacetate Mixture in Roaster Chow (F) BI Medicated	17.19	15.00	6.12	4.00	2.26	4.50	+
0.0023% Dienestrol Diacetate Mixture in Roaster Chow (F) BI Medicated	17.06	15.00	5.48	4.00	2.34	4.50	+
0.0023% Dienestrol Diacetate Mixture in Roaster Chow (F) BI Medicated	17.25	15.00	5.85	4.00	2.58	4.50	+
0.0023% Dienestrol Diacetate Mixture in Roaster Chow (F) BI Medicated	16.56	15.00	5.49	4.00	2.41	4.50	+
Dog Meal	27.19	27.00	8.13	9.00	3.94	4.50	
Drouth Milk Chow	19.69	16.00	3.75	2.50	4.89	6.00	
Egg Chow T	20.63	20.00	3.62	3.00	6.50	7.00	
Egg Chow T	21.25	20.00	3.61	3.00	6.96	7.00	
Egg Chow T	20.31	20.00	3.71	3.00	6.94	7.00	
Egg Chowder	36.88	36.00	4.31	4.00	6.33	8.00	
Egg Chowder	37.50	36.00	5.40	4.00	6.35	8.00	
Egg Chowder	35.94	36.00	5.50	4.00	5.75	8.00	
Egg Chowder	38.63	36.00	4.80	4.00	6.41	8.00	
Egg Chowder	37.00	36.00	4.96	4.00	6.70	8.00	
Eggena	18.38	16.00	3.87	3.50	5.42	7.00	
Eggena	17.19	16.00	3.61	3.50	5.68	7.00	
Eggena	15.75	16.00	4.33	3.50	6.01	7.00	
Game Bird Breeder Layena (Complete Ration)	23.44	20.00	3.16	2.50	4.77	7.00	
#Golden Bulky	10.05	10.00	1.19	1.00	20.40	20.00	
Guinea Pig Chow	25.94	24.00	4.70	4.00	8.98	12.00	
Guinea Pig Chow	24.69	24.00	5.61	4.00	9.04	12.00	
Hog Chow	38.13	36.00	1.06	1.00	6.03	8.00	
Hog Chow 3N Medicated	37.50	36.00	1.50	1.00	6.12	8.00	+
Hog Chow 3N Medicated	37.38	36.00	1.59	1.00	7.15	8.00	+
#Hog Chow 3N Medicated	37.63	36.00	1.18	1.00	5.82	8.00	+
Hog Finisher Z #2	12.81	12.00	3.02	2.50	3.82	7.00	
Hog Finisher Z Medicated	13.13	12.00	3.42	2.50	3.90	7.00	+
Horse Chow Checkers	13.44	12.50	2.00	1.50	23.99	25.00	
Horse Chow Checkers	13.94	12.50	2.06	1.50	20.05	25.00	
Lamb Fatena Medicated	35.00	32.00	2.81	2.00	7.04	12.00	
Lay Chow	22.94	22.00	2.98	3.00	5.06	6.00	
Layena CF	16.25	16.00	3.45	3.50	3.28	4.50	
Layena CF	15.31	16.00	3.23	3.50	3.26	4.50	
Layena CF	17.19	16.00	3.84	3.50	3.02	4.50	
Layena CF	17.81	16.00	3.69	3.50	3.30	4.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Ralston Purina Company - Continued							
Layena CF	16.25	16.00	4.42	3.50	2.45	4.50	
Layena CF	17.88	16.00	4.03	3.50	2.18	4.50	
Layena CF	17.19	16.00	3.79	3.50	2.28	4.50	
Layena CF	17.81	16.00	4.16	3.50	2.90	4.50	
Layena (G) CF Medicated	17.63	16.00	4.20	3.50	2.63	4.50	+
Medicated Chek-R-Aid	22.81	20.00	5.73	4.50	3.55	4.50	+
Medicated Pig Startena	21.25	18.00	4.19	4.00	3.31	5.00	
Medicated Pig Startena	20.94	18.00	4.41	4.00	3.57	5.00	
Medicated Pig Startena	21.13	18.00	4.64	4.00	3.29	5.00	+
Medicated Poultry Aid	25.63	22.00	6.36	4.50	2.99	4.50	
Milk Chow	17.40	16.00	2.72	2.50	6.57	10.00	
Milk Chow 18% (Coarse)	20.19	18.00	3.57	3.00	6.50	10.00	
Milk Chow 18% (Coarse)	22.25	18.00	3.01	3.00	6.56	10.00	
Milk Chow H 16%	17.88	16.00	3.39	3.00	7.72	10.00	
Milk Chow H 16%	18.13	16.00	3.49	3.00	6.03	10.00	
Milk Chow H 16% (Coarse)	18.13	16.00	3.51	3.00	6.86	10.00	
Mink Developer Concentrate	21.88	18.00	3.58	4.00	5.88	7.00	
Nursing Chow Medicated	23.13	22.00	6.99	5.00	0.35	0.50	
Omolene	12.10	10.00	3.47	2.00	7.36	9.00	
Omolene	12.19	10.00	3.21	2.00	7.12	9.00	
Omolene	10.99	10.00	2.91	2.00	7.01	9.00	
Pigeon Chow Checkers	16.25	15.00	3.10	2.50	4.12	6.00	
Pigeon Grains	12.19	11.00	2.84	2.00	2.26	5.00	
Pork Chow	35.63	35.00	3.39	1.00	5.72	10.00	
Pro-Lay Eggena	17.19	15.00	4.52	3.00	2.61	4.50	
44% Protein Soybean Meal (Solvent Extracted	45.00	44.00	0.89	0.50	6.45	7.00	
Pullet Developer F	14.38	13.00	3.95	2.50	4.27	9.00	
#Pullet Developer F	14.56	13.00	4.16	2.50	3.89	9.00	
Pullet Developer F	14.50	13.00	3.82	2.50	6.18	9.00	
Rabbit Chow Checkers	16.25	15.00	3.49	2.00	11.53	18.00	
Range Checkers A	22.50	20.00	3.96	1.50	9.49	10.00	
Sow Chow	35.00	32.00	2.13	1.50	6.47	9.00	
Sow Chow	33.44	32.00	2.25	0.50	9.03	14.00	
Show Chow	33.44	32.00	2.02	0.50	7.40	14.00	
Steer Chow 32%	33.75	32.00	3.88	1.50	9.55	12.00	
Steer Chow (T) 32%	32.81	32.00	2.22	1.50	12.81	12.00	
Steer Fatena 32%	33.13	32.00	2.66	1.50	7.26	10.00	
Steer Fatena 32%	33.44	32.00	2.25	1.50	6.71	10.00	
Trout Chow	42.63	40.00	3.00	2.50	2.56	5.50	
Trout Chow	41.88	40.00	3.18	2.50	2.43	5.50	
Trout Chow	42.50	40.00	2.89	2.50	2.62	5.50	
Trout Chow	44.38	40.00	*2.03	2.50	2.52	5.50	
Trout Chow	41.56	40.00	3.26	2.50	2.25	5.50	
Trout Chow	44.38	40.00	2.22	2.50	2.70	5.50	
Turkey Breeder Chowder	36.25	36.00	3.88	2.50	7.41	9.00	
Turkey Finisher No. 2	15.31	13.50	4.28	3.50	2.60	4.50	
Turkey Grower #1	26.38	23.00	4.33	3.00	4.70	6.50	
Turkey Startena FZ #2 Medicated	30.31	27.00	3.86	3.00	4.81	5.50	+
Turkey Startena MP Medicated	31.25	27.00	3.89	3.00	4.44	5.50	17
Reading Bone Fertilizer Company Reading, Pa.							
Animal Fat	---	---	97.37	90.00	---	---	
Blood Meal	75.94	80.00	1.29	1.00	0.98	1.00	
Blood Meal	76.38	80.00	0.87	1.00	0.54	1.00	
Meat Meal	*48.44	50.00	11.49	10.00	2.09	2.00	
Meat Meal	50.13	50.00	10.79	10.00	1.74	2.00	
Reading Milling Company, Inc. Reading, Pa.							
#16% All Mash Layer	17.19	16.00	4.55	3.50	4.40	4.50	
Complete Hog Feed	15.06	16.00	3.47	3.00	7.31	8.00	
Complete Rabbit Pellets	17.19	16.00	2.61	3.00	14.97	15.00	
16% Dairy Feed	16.25	16.00	3.11	3.00	13.48	12.00	
Duck Pellets	17.50	16.00	3.98	3.00	5.07	5.00	
#Horse Feed	8.88	9.00	3.42	3.00	6.59	9.00	
"Horse Sense" Pellets	15.31	12.50	2.84	2.00	16.53	22.00	
Pigeon Feed	12.31	12.00	2.82	3.00	3.53	4.00	
Special 20% Laying Mash	21.25	20.00	4.27	3.00	4.79	5.00	
Reading Poultry Food Company Reading, Pa.							
Fish Meal	58.44	60.00	8.91	3.00	1.33	5.00	
Fish Meal	63.13	60.00	4.40	3.00	0.82	5.00	
Special Steamed Bone Phosphate w/Precipitate Bone Phosphate	0.62	0.20	0.09	0.10	1.92	3.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Re-Dan Packing Company, Inc. Middle Village, N. Y.							
Tasty Dog Food	10.19	8.00	2.31	2.00	1.33	1.50	
Red Bank Mills New Bethlehem, Pa.							
40% Dairy Supplement	43.86	40.00	1.49	1.00	6.27	8.00	
Egg Mash	21.88	20.00	4.64	3.00	4.29	7.00	
Egg Mash	21.94	20.00	3.51	3.00	5.19	7.00	
32% Excel Dairy	34.23	32.00	1.74	2.00	6.27	11.00	
40% Hog Concentrate	41.75	40.00	3.67	2.00	4.43	8.50	
36% Poultry Concentrate	37.63	36.00	3.69	3.00	5.12	9.50	
Special Hog Feed	16.44	15.00	3.19	3.00	5.14	8.00	
Special Hog Feed	16.88	15.00	3.28	3.00	6.32	8.00	
16% Star Dairy Feed	16.75	16.00	3.18	2.00	5.56	11.00	
16% Star Dairy Feed	19.19	16.00	2.98	2.00	6.82	11.00	
16% Star Dairy Feed	17.19	16.00	3.17	2.00	8.18	11.00	
20% Superior Dairy	20.23	20.00	2.95	2.00	5.57	11.00	
20% Superior Dairy	19.25	20.00	2.99	2.00	7.37	11.00	
Red Lion Milling Company Red Lion, Pa.							
Winter Wheat Bran	14.38	12.00	3.01	2.50	10.48	11.00	
Winter Wheat Middlings	15.63	13.00	4.34	2.50	7.02	8.50	
Reece & Greenly Company, Inc. Millville, Pa.							
16% Dairy Feed	14.75	16.00	2.89	3.00	8.49	10.00	
Laying Mash	20.31	20.00	4.57	3.50	5.67	6.00	
Pig Meal	19.38	17.00	4.09	3.00	5.90	8.00	
Pig Meal	17.81	17.00	4.26	3.00	8.82	8.00	
Wheat Bran	13.81	13.00	3.35	4.00	9.08	13.00	
Wheat Middlings	14.38	14.00	4.28	4.00	3.69	6.00	
Reed Milling Company Brookville, Pa.							
20% Chick Starter Mash	21.19	20.00	4.14	3.00	5.18	6.00	
16% Dairy Feed	18.13	16.00	3.37	2.00	8.46	11.00	
16% Dairy Feed	17.19	16.00	2.56	2.00	8.34	11.00	
20% Dairy Feed	20.00	20.00	2.68	2.00	9.01	11.00	
32% Dairy Supplement	35.08	32.00	*1.11	2.00	7.40	11.00	
32% Dairy Supplement	35.00	32.00	1.89	2.00	7.45	11.00	
40% Dairy Supplement	41.47	40.00	0.93	1.00	5.84	8.00	
40% Dairy Supplement	44.06	40.00	1.23	1.00	5.22	8.00	
20% Egg Mash	21.25	20.00	3.72	3.00	5.58	7.00	
20% Egg Mash	21.56	20.00	4.48	3.00	5.02	7.00	
Growing Mash	21.63	20.00	3.91	3.00	5.12	8.00	
40% Hog Concentrate	40.00	40.00	5.99	1.00	5.26	8.00	
Special Pig Feed	17.19	15.00	4.26	3.00	5.82	8.00	
Special Pig Feed	18.44	15.00	3.39	3.00	5.98	8.00	
Robert A. Reichard, Inc. Allentown, Pa.							
60% Digester Tankage	59.06	60.00	10.52	9.00	6.96	8.00	
60% Digester Tankage	58.13	60.00	10.38	9.00	7.85	8.00	
50% Meat & Bone Scrap	49.06	50.00	13.20	10.00	1.90	3.00	
C. W. Reigle Sons Paxtonville, Pa.							
All-Mash Layer	17.81	16.00	3.40	2.50	3.42	5.00	
Pig Meal	18.44	16.00	3.41	3.50	3.78	6.00	
Pig Meal	18.38	16.00	3.60	3.50	5.21	6.00	
Rhoads Mill, Inc. Selinsgrove, Pa.							
Corn & Oats Chop	11.31	9.00	3.57	3.00	5.05	6.00	
Corn & Oats Chop	12.38	9.00	3.14	3.00	4.59	6.00	
16% Dairy Feed	17.37	16.00	2.84	2.50	6.92	8.00	
16% Dairy Feed	16.63	16.00	3.11	2.50	7.39	8.00	
32% Dairy Feed	32.06	32.00	*2.25	3.00	6.71	7.50	
#50% Dehulled Soybean Meal	50.94	50.00	0.91	1.00	2.65	3.00	
Egg Mash	21.88	20.00	4.17	4.00	3.90	5.00	
Egg Mash	20.75	20.00	4.40	4.00	4.87	5.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Rhoads Mill, Inc. - Continued							
#Hog Concentrate Medicated	36.56	36.00	3.01	2.50	6.80	8.00	1
Hog Concentrate Medicated	34.38	36.00	3.34	2.50	6.30	8.00	+
Master Made Hi-Calorie All Mash Layer	17.19	16.50	4.17	4.00	2.45	3.50	
Master Made Pig Starter & Grower	15.06	14.00	3.26	3.00	4.93	6.00	
Pig Feed Medicated	14.75	13.00	3.01	2.50	3.15	5.00	+
Poultry Concentrate	38.31	36.00	4.19	3.00	5.37	6.00	
#Scratch Grain	10.31	10.00	2.72	3.00	3.59	5.00	
#Starter & Grower Medicated	18.25	17.00	3.74	3.00	5.19	6.50	+
Wheat Bran	14.69	14.00	3.66	3.00	8.30	9.00	
Wheat Middlings	15.31	13.00	3.88	2.75	7.35	9.00	
Wheat Middlings	14.25	13.00	3.50	2.75	3.28	9.00	
Richfield Feed Mill Richfield, Pa.							
Calf Milk Replacer	21.88	21.00	10.19	8.50	0.83	0.50	
32% Dairy Supplement	30.94	32.00	2.14	1.50	6.14	7.00	
Dog Food	*23.44	25.80	5.82	4.40	3.60	3.70	
Golden Starter Medicated	25.13	23.00	5.94	6.00	*4.73	3.50	+
Hi-Energy All Mash Layer Medicated	18.06	17.50	4.83	3.00	3.18	4.50	+
Hi-Energy Golden Laying Mash Medicated	20.63	20.00	5.04	3.50	5.69	5.50	+
Hi-Energy Golden Laying Mash Medicated	20.31	20.00	4.65	3.50	5.23	5.50	+
Hog Feed	16.88	15.00	5.31	3.00	5.88	5.50	
Hog Feed	16.56	15.00	5.14	3.00	*9.77	5.50	
36% Poultry Concentrate Medicated	35.00	36.00	5.28	6.00	7.13	7.50	+
Richland Feed Company Richlandtown and South Perkasie, Pa.							
32% Dairy Concentrate	*30.98	32.00	1.30	1.00	6.97	9.00	
32% Dairy Concentrate	34.69	32.00	1.33	1.00	7.06	9.00	
16% Dairy Feed	17.06	16.00	*2.00	3.00	7.65	9.00	
16% Dairy Feed	19.06	16.00	2.78	3.00	8.47	9.00	
Egg Mash	20.94	20.00	4.42	3.50	7.22	7.00	
Egg Pellets	19.81	20.00	4.00	3.50	6.68	7.00	
Horse Feed	12.64	9.00	3.37	3.00	6.84	10.00	
16% Pig Meal	15.06	16.00	3.40	3.50	6.47	7.00	
Rabbit Pellets	14.81	15.00	2.70	2.50	10.21	9.50	
18% Starter & Grower Medicated	19.31	18.00	4.04	3.50	7.18	7.50	+
Richmond Elevator Company Richmond Furnace, Pa.							
All Mash	16.56	16.00	4.40	3.50	3.16	6.00	
Dairy Concentrate	33.44	32.00	2.76	3.00	10.90	12.00	
Egg Mash	21.88	20.00	3.54	3.00	5.31	8.00	
Hog Ration	15.69	14.00	3.41	3.00	4.04	8.00	
Pig & Sow Meal Medicated	16.56	16.00	3.75	3.00	5.23	7.00	+
Riegel's Feed & Grain Durham, Pa.							
Check-R-Mix Laying Mash LN	20.44	20.00	4.47	3.00	5.96	8.00	
Pig & Hog Feed	15.94	16.00	2.99	2.50	5.74	8.00	
J. S. Riley & Company New Castle, Pa.							
36% Egg Concentrate Medicated	39.06	36.00	3.62	4.00	7.16	4.50	1a
Layer Breeder Mash Medicated	21.56	20.00	3.67	3.50	4.42	6.00	1a
Tri-Blend Dog Food	24.50	24.00	*5.02	7.00	3.47	3.00	
Rival Packing Company Div. of Associated Products, Inc. Chicago, Ill. 60632							
Improved Rival Liver Flavor Dog Food	10.59	10.50	4.43	4.50	0.89	1.00	
Roberts Feed Mill Peckville, Pa.							
14% Calf Grower	13.37	14.00	2.27	2.50	4.45	8.00	
16% Dairy Feed	19.56	16.00	*2.63	3.50	6.70	7.00	
16% Dairy Feed	19.38	16.00	3.80	3.50	7.04	7.00	
20% Dairy Feed	*18.11	20.00	2.94	3.00	5.72	8.00	
20% Dairy Feed	*17.81	20.00	3.76	3.00	5.85	8.00	
20% Dairy Feed	20.75	20.00	2.79	3.00	7.59	8.00	
Hi-Fat 16% Dairy Feed	15.30	16.00	*2.86	4.00	5.52	8.00	
Hi-Fat 16% Dairy Feed	16.56	16.00	4.83	4.00	5.94	8.00	
Layer Mash	18.50	18.00	3.37	3.50	4.96	7.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Rockingham Poultry Marketing Cooperative, Inc. Broadway, Va.							
Hi-Lo New Dog Food	*9.34	10.00	*1.41	2.00	0.57	1.00	
H. Rockwell & Son Canton, Pa.							
16% Dairy Ration	17.81	16.00	3.64	3.50	7.55	10.00	
18% Dairy Ration	19.06	18.00	3.63	3.50	8.83	10.00	
18% Dairy Ration	18.88	18.00	3.23	3.50	7.13	10.00	
Dairy Ration	21.88	20.00	3.85	3.50	8.25	10.00	
Dog Ration	20.06	22.00	4.20	4.00	4.02	5.00	
Hen-O-La Mash	20.00	20.00	3.78	3.50	5.88	9.00	
Hi Energy Dairy	15.06	14.00	3.45	3.50	4.98	7.00	
44% Soybean Meal, Solvent Extracted	45.94	44.00	0.88	0.50	6.90	7.00	
Rodan Foods Company, Inc. Allentown, Pa. 18104							
Reserve Chunks of Liver for Dogs	17.38	15.00	4.59	2.50	0.48	1.00	
Reserve Lamb Chunks & Lamb By-Products	15.17	13.00	6.70	6.50	0.25	1.00	
Rohloff Brothers, Inc. Graytown, Ohio							
Dehydrated Alfalfa Meal w/Animal Fat	15.00	15.00	3.40	2.50	28.97	30.00	
Dehydrated Alfalfa Meal w/Animal Fat	17.69	17.00	5.22	3.00	23.08	27.00	
Dehydrated Alfalfa Pellets w/Animal Fat	16.88	17.00	4.54	4.50	21.77	27.00	
Rohm's Feed Mill Breezewood, Pa.							
Dog & Puppy Food	28.44	23.00	5.98	4.00	3.99	4.00	
Ross H. Rohrer & Sons Quarryville, Pa.							
Egg Mash	22.25	20.00	3.75	2.50	4.62	6.50	
#Sow & Pig Feed Medicated	16.88	16.00	3.15	3.00	5.43	7.00	+
Ben Rosenberg, Inc. Philadelphia, Pa.							
Pigeon Feed No. 3	*11.63	13.15	3.40	2.65	3.00	4.70	
Pigeon Feed No. 5	12.50	14.40	2.91	1.75	3.10	4.60	
Pigeon Mixed Grain No. 3	*12.19	13.15	3.20	2.65	3.09	4.70	
Pigeon Mixed Grain No. 5	13.13	14.40	2.71	1.75	3.05	4.60	
Pigeon Mixed Grain - Racing	17.00	13.00	2.30	1.75	3.93	5.00	
Ross Brothers Kingsley, Pa.							
Crimped Dairy Ration	17.54	18.00	5.66	5.00	7.31	9.00	
16% Dairy	18.19	16.00	4.50	4.00	6.98	9.00	
Fitting Ration	15.06	12.00	5.59	4.50	6.09	9.00	
Fitting Ration	14.39	14.00	2.95	3.25	6.95	9.00	
Special Dairy Ration	19.69	18.00	5.72	5.00	8.46	9.00	
Special Dairy Ration	17.23	18.00	4.64	5.00	7.15	9.00	
Roth Milling Company Prospect, Pa.							
32% Dairy	36.25	32.00	*1.26	2.00	6.72	7.00	
Life Cycle Mash	20.75	20.00	3.57	4.00	6.08	7.00	
Poultry & Hog Concentrate	36.88	36.00	3.97	3.50	7.14	8.00	
Roup's Mill Danville, Pa.							
#Master Made Egg Mash	19.06	20.00	3.92	2.50	3.86	6.50	
#Master Made Hog Fattener	13.94	13.00	3.71	3.50	5.99	6.00	
J. O. Ryder Rendering Company Matamoras, Pa.							
Meat & Bone Meal	*44.69	50.00	12.48	6.00	1.88	3.00	
Meat & Bone Meal	*45.00	50.00	11.48	6.00	1.85	3.00	
Meat & Bone Meal	*44.06	50.00	13.54	6.00	1.57	3.00	
Meat & Bone Meal	47.81	50.00	12.02	6.00	2.00	3.00	
Meat & Bone Meal	48.44	50.00	11.78	6.00	1.86	3.00	
Meat & Bone Meal	48.13	50.00	*11.84	6.00	2.25	3.00	
Meat & Bone Meal	*47.06	50.00	10.93	6.00	1.68	3.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Sacramento Roller Mills Sacramento, Pa.							
Steer Feed	10.94	10.00	2.77	3.00	5.80	12.00	
St. Ansgar Grain & Feed Company St. Ansgar, Iowa							
#Oat Mill By-Product	4.69	3.00	0.94	1.00	28.49	33.00	
Sandy Lake Mills Sandy Lake, Pa.							
16% Dairy Feed	15.94	16.00	2.97	2.00	8.49	10.00	
16% Dairy Feed	16.56	16.00	3.37	2.00	8.36	10.00	
40% Dairy Supplement	48.38	40.00	1.71	2.00	7.46	9.00	
40% Dairy Supplement	43.13	40.00	1.92	2.00	7.57	9.00	
20% Egg Mash	20.81	20.00	4.06	3.00	6.95	8.50	
Growing Mash	16.88	18.00	3.25	4.00	5.08	6.00	
40% Hog Supplement	39.69	40.00	3.62	2.50	6.55	8.00	
40% Hog Supplement	40.31	40.00	3.07	2.50	7.59	8.00	
Pig & Hog Feed	15.31	15.00	3.48	2.50	7.15	8.00	
Pig & Hog Feed	*13.75	15.00	3.24	2.50	8.31	8.00	
Saskatchewan Wheat Pool No. 8 Fort William, Ontario, Canada							
Ground Flax Screenings	15.31	15.00	8.86	10.00	13.63	15.00	
Ground Flax Screenings	14.31	15.00	6.92	10.00	16.20	15.00	
#Ground Flax Screenings	15.31	15.00	8.45	10.00	14.81	15.00	
Ground Flax Screenings	15.00	15.00	8.12	10.00	15.61	15.00	
Ground Flax Screenings	14.63	15.00	*7.75	10.00	15.44	15.00	
Ground Flax Screenings	15.13	15.00	*8.81	10.00	15.21	15.00	
C. E. Sauder & Sons East Earl, Pa.							
20% Chick Starter	21.06	20.00	4.00	3.00	5.58	5.50	
0.0011% Diethylstilbestrol Mix in S.S. Steer Feed	30.63	30.00	2.38	2.50	10.00	9.50	+
20% Grower	20.94	20.00	3.55	3.00	6.39	6.50	
18% Pig & Sow Meal	34.63	18.00	2.58	2.50	4.60	5.00	
Steer Supplement	31.88	30.00	2.56	2.50	8.23	9.50	
Schappal Feed Store Barnesville, Pa.							
Scratch Grains	10.63	9.00	2.56	2.00	2.56	4.00	
Schenley Distillers, Inc. (Grain Department) New York, N. Y.							
Corn Distillers Dried Grains w/Solubles	27.81	24.00	9.19	5.00	7.95	13.00	
Corn Distillers Dried Grains w/Solubles	27.38	24.00	9.79	5.00	7.63	13.00	
Corn Distillers Dried Grains w/Solubles	27.50	24.00	8.85	5.00	8.25	13.00	
Joseph Schlitz Brewing Company Milwaukee, Wis.							
Brewers Dried Grains	30.00	26.00	6.01	6.00	13.73	16.00	
Brewers Dried Grains	30.75	28.00	5.73	6.00	12.89	16.00	
Schluderberg-Kurdle Company, Inc. Baltimore, Md.							
Digester Tankage	69.13	60.00	7.03	6.00	0.90	5.00	
Walter L. Schoemaker Orefield, Pa.							
Egg Mash Medicated	20.63	20.00	3.97	3.50	4.51	5.50	+
Egg Mash Medicated	20.94	20.00	4.58	3.50	5.50	5.50	+
Growing Mash Medicated	18.13	18.00	3.46	3.50	5.03	5.50	+
Scratch Feed	10.00	9.00	2.50	2.50	2.65	5.00	
Scratch Feed	10.00	9.00	3.96	2.50	3.18	5.00	
Schoeneck Farms, Inc. Nazareth, Pa.							
Dehydrated Alfalfa Meal	13.13	13.00	2.88	2.00	28.57	29.00	
Dehydrated Alfalfa Meal	18.75	17.00	3.45	2.00	23.21	27.00	
Dehydrated Alfalfa Meal	20.94	20.00	3.54	2.00	20.74	25.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Schwab Brothers Mills, Inc. New Bavaria, Ohio							
#Alfalfa Pellets	11.25	13.00	1.20	1.50	35.45	33.00	
Scranton Processing Company, Inc. Scranton, Pa.							
Meat & Bone Meal	47.56	50.00	7.55	9.00	1.99	3.00	
Sea Board Supply Company Philadelphia, Pa. 19146							
Chee-Mix	25.75	22.00	19.82	20.00	5.41	7.00	
Crab Meal	35.63	31.00	2.61	1.00	11.09	14.00	
Dried Tomato Pomace	20.94	20.00	9.44	10.00	31.70	34.00	
Dried Tomato Pomace	20.00	20.00	10.52	10.00	30.62	34.00	
Sea Born Mineral Division of Skod Company Greenwich, Conn.							
Sea-Born Dehydrated Norwegian Seaweed	4.69	5.00	2.97	2.00	5.56	9.00	
Segal's Feed & Supply Company Philadelphia, Pa.							
Supreme Fattener	18.25	13.00	2.70	3.00	5.97	8.00	
Supreme Fattener	18.75	13.00	*2.13	3.00	6.15	8.00	
Leroy M. Sensenig Ephrata, Pa.							
15.5% Hi-Calorie All Mash Layer	16.25	15.50	4.43	4.00	2.18	3.50	
Horse Feed	12.50	10.00	2.77	3.00	7.42	9.00	
Special All Mash Pullet Developer	15.31	14.50	3.78	3.50	3.19	5.50	
Special Egg Mash	20.94	20.00	4.64	4.00	2.64	4.00	
32% Steer Supplement Feed	33.88	32.00	2.79	2.75	9.34	9.00	
Shaffer's Mobile Feed Service Monroeton, Pa.							
Wayne-Mix Calf Grower	14.25	13.00	3.44	3.00	5.90	8.00	
Wayne-Mix 16% Dairy No. 1	18.13	16.00	3.08	3.00	5.44	8.00	
Wayne-Mix 16% Dairy No. 1	17.50	16.00	3.18	3.00	6.46	8.00	
Blaine E. Shambaugh Blain, Pa.							
Complete Laying Ration	17.50	17.00	4.14	3.00	2.70	3.00	
Complete Laying Ration	18.00	17.00	4.83	3.00	2.85	3.00	
16% Dairy Feed	15.75	16.00	3.14	2.50	6.24	9.00	
Shank's Mill Waynesboro, Pa.							
Pig & Hog Feed	15.94	16.00	3.30	3.00	5.02	7.00	
D. H. Sharrer & Son, Inc. New Oxford, Pa.							
#16% Dairy	15.55	16.00	2.76	2.50	5.77	8.00	
Laying Mash	16.69	16.00	3.20	3.50	4.26	5.00	
Sherwin-Williams Company Cleveland, Ohio							
32% Linseed Meal, Solvent Extracted	36.38	32.00	1.43	0.50	9.67	11.00	
32% Linseed Meal, Solvent Extracted	36.06	32.00	1.57	0.50	8.82	11.00	
32% Linseed Meal, Solvent Extracted	34.50	32.00	2.21	0.50	8.95	11.00	
32% Linseed Meal, Solvent Extracted	37.81	32.00	1.13	0.50	8.85	11.00	
32% Linseed Meal, Solvent Extracted	33.75	32.00	1.53	0.50	9.38	11.00	
34% Linseed Meal, Solvent Extracted	36.00	34.00	1.85	0.50	10.15	11.00	
Sherwood Feed Mills, Inc. Baltimore, Md.							
#44% Beef Mixing Supplement	45.00	44.00	3.25	2.50	7.61	9.00	
Brewers Dried Grains	25.31	24.00	4.30	5.00	14.73	15.00	
18% Growing Mash	21.25	18.00	4.07	3.50	4.31	5.00	
44% Mixing Supplement	44.56	44.00	2.72	2.50	8.48	8.50	
20% Sher-Layer Breeder	20.63	20.00	5.32	3.00	4.39	5.50	
40% Special Hog Supplement	39.69	40.00	5.09	3.50	5.03	8.00	
Sweet Mix	13.56	14.00	2.53	3.00	12.35	12.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
M. L. Shoemaker Company Division of Wilson & Company Philadelphia, Pa.							
50% Ground Meat & Bone Scrap for Poultry	53.25	50.00	9.82	6.00	2.01	3.00	
50% Ground Meat & Bone Scrap for Poultry	51.56	50.00	11.20	6.00	2.04	3.00	
50% Ground Meat & Bone Scrap for Poultry	51.56	50.00	11.61	6.00	1.67	3.00	
Stabilized Animal Fat	---	---	98.66	99.00	---	---	
Shohola Feed & Grain Company Shohola, Pa.							
Super All Mash Layer	15.56	16.00	6.37	5.00	3.80	3.50	
Super Egg Producer	*18.44	20.00	6.38	3.75	5.14	5.00	
Super Starter Builder	20.94	20.00	6.89	3.75	2.48	4.50	
Shuchart Feed & Supplies Company Hanover, Pa.							
All-Mash Layer	16.56	16.00	4.12	3.50	3.60	4.00	
Egg Mash	19.69	20.00	4.19	3.00	4.59	5.00	
Hog Supplement	36.56	36.00	4.11	3.00	5.10	7.00	
R. C. Shuchart, Inc. New Freedom, Pa.							
Hog Supplement	38.75	36.00	4.21	3.00	6.15	7.00	
Clarence M. Shuey Annville, Pa.							
Hog Feed	14.56	14.00	3.33	3.00	2.61	6.50	
John T. Sidle Shippensburg, Pa.							
20% Egg Mash Medicated	19.56	20.00	3.66	3.50	5.24	5.50	+
Hog Feed Medicated	14.44	14.00	3.20	3.00	3.55	5.00	+
Simpson Brothers Norristown, Pa.							
Coarse Chick Feed	9.69	8.00	2.80	2.50	1.85	3.00	
Coarse Chick Feed	9.06	8.00	3.74	2.50	2.18	3.00	
Fine Chick Feed	10.94	8.00	2.91	1.50	2.15	2.50	
Scratch Feed	10.00	9.00	2.52	2.50	3.45	5.00	
Wild Bird Feed	11.25	8.00	5.28	3.00	3.96	6.00	
Wild Bird Feed	11.25	8.00	5.59	3.00	4.00	6.00	
Singo Feed Store Somerset, Pa.							
Pig & Sow Meal	15.75	14.00	3.68	3.50	4.58	6.50	
Skelton's Farm, Feed & Supply Company Moscow, Pa.							
Complete Layer	17.50	16.00	3.69	3.50	2.62	4.00	
16% Dairy Feed	15.98	16.00	*2.53	3.50	7.16	8.00	
16% Dairy Feed	17.25	16.00	*2.38	3.50	6.94	8.00	
Skinners Eggy Agway, Inc. Laceyville, Pa.							
18% Dairy	20.56	18.00	4.08	4.00	7.57	8.50	
Ruf-Sup	9.28	9.00	*1.78	2.50	*15.14	11.00	
Smith Milling Company Mt. Union, Pa.							
Cattle Feed	*11.34	12.00	2.73	3.00	7.04	15.00	
Egg Mash	18.13	17.00	4.83	4.41	6.05	5.00	
Allen V. Smith, Inc. Skaneateles, N. Y.							
Pearl Barley By-Products Red Tag Brand	12.81	13.00	3.19	2.00	9.92	15.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
R. A. Smith Milling Company Northampton, Pa.							
Beef Cattle Supplement	34.06	32.00	1.85	1.00	8.20	10.00	
50% Dairy Concentrate	51.30	50.00	1.08	1.00	4.56	5.00	
60% Dairy Concentrate	*56.69	60.00	0.96	0.50	4.40	3.00	
Egg Concentrate	41.25	40.00	4.05	2.50	5.75	4.00	
Growing Mash Medicated	21.56	20.00	4.32	3.50	6.14	6.50	+
Hi-Cal 36% Layer Concentrate	37.50	36.00	4.34	4.00	6.22	7.00	
Hi-Energy Concentrate Medicated	40.94	40.00	3.27	2.00	5.32	6.00	+
Hi-Level Feed Medicated	21.25	20.00	4.75	4.00	4.89	6.00	
Hog Feed	17.19	14.00	4.08	3.00	7.10	8.50	
40% Hog Supplement	40.75	40.00	4.52	3.50	7.61	8.00	
Pig Starter Medicated	19.06	18.00	4.88	5.00	2.28	3.00	
Sow Supplement	35.63	34.00	4.65	2.00	8.73	8.50	
34% Starter & Grower Concentrate Medicated	35.44	34.00	4.12	3.00	6.92	7.00	+
Smith's Feed Mill Blain and Newport, Pa.							
Master Made 16% Dairy Feed Special	16.88	16.00	2.98	2.50	7.61	9.00	
Master Made 16% Dairy Feed Special	17.19	16.00	2.65	2.50	6.76	9.00	
Master Made Hi-Calorie All Mash Layer	18.44	17.00	4.52	4.00	2.86	3.50	
Master Made Hog Feed	14.38	12.50	4.12	3.50	5.41	5.00	
Smith's Mill Danville, Pa.							
32% Dairy Concentrate	33.13	32.00	0.99	1.00	4.16	7.50	
42% Poultry Concentrate	41.81	42.00	6.07	4.50	4.78	5.50	
B. C. Snider & Sons Mercersburg, Pa.							
All Mash Pullet Developer	19.31	14.50	4.04	3.50	4.19	5.50	
Hog Meal	16.25	14.00	2.88	3.00	4.01	4.50	
Snook's Mill, Inc. Mifflinburg, Pa.							
Ultra-Lifed Dairy Balancer	20.19	17.00	3.46	3.00	4.41	5.00	
Ultra-Lifed 14% Dairy Feed	15.31	14.00	3.30	3.00	4.73	7.50	
Ultra-Lifed Hi-Energy 20% Laying Mash	22.81	20.00	3.94	4.00	5.31	6.75	
Ultra-Lifed 35% Pig Grower Supplement	37.50	35.00	4.20	2.50	6.02	5.50	
Snyder Brothers Bethlehem, Pa.							
Hen Feed	10.75	10.00	2.69	2.50	3.51	5.00	
Laying Mash	24.81	20.00	4.01	3.40	7.62	8.00	
Laying Mash	25.69	20.00	3.91	3.40	7.60	8.00	
Tip Top Hog Feed	20.38	14.00	4.17	3.00	6.72	8.00	
Snyder Milling Company Nazareth, Pa.							
All Purpose Hog Feed	18.00	17.00	4.29	4.00	5.26	7.00	
Chick Starter	19.56	20.00	4.99	5.50	4.21	4.00	
22% Laying Mash	23.13	22.00	4.67	5.00	4.98	5.00	
Estate of George S. Snyder, Inc. Hatfield, Pa.							
Check-R-Mix Hi-Energy Laying Mash	16.94	16.00	3.65	3.50	2.91	4.50	
Check-R-Mix Hog Feed Medicated	12.56	12.00	3.57	3.00	3.20	6.00	+
Horse Feed	10.17	10.00	3.18	3.00	6.12	8.50	
Somerset Milling Company Somerset, Pa.							
32% Dairy Concentrate	*30.16	32.00	*1.52	2.00	6.94	7.00	
32% Dairy Concentrate	34.38	32.00	1.97	2.00	*9.52	7.00	
16% Dairy Feed	16.11	16.00	2.74	3.00	6.74	9.00	
16% Dairy Feed	16.88	16.00	3.06	3.00	7.75	9.00	
Hi-Calorie All Mash	18.13	17.00	4.85	4.00	2.87	3.50	
Hog Fattener	15.69	14.00	3.50	2.50	4.74	8.00	
35% Hog Supplement	38.12	35.00	3.57	2.50	6.84	8.00	
35% Hog Supplement	40.38	35.00	3.60	2.50	7.69	8.00	
Horse & Mule Feed	11.60	10.00	3.02	3.00	5.07	7.50	
20% Laying Mash	*18.88	20.00	3.29	3.50	5.74	8.00	
20% Laying Mash	19.38	20.00	3.60	3.50	5.30	8.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Somerset Milling Company - Continued							
Mixed Grain for Poultry	10.31	10.00	*3.06	4.00	3.28	8.00	
Pig & Hog Meal	15.31	15.00	3.21	3.00	4.97	8.00	
Pig & Hog Meal	17.50	15.00	3.34	3.00	5.49	8.00	
Southern Cotton Oil Division Hunt Foods & Industries, Inc. Macon, Ga.							
41% Protein Cottonseed Meal, Prime Quality	40.63	41.00	4.21	2.00	13.34	14.00	
41% Protein Cottonseed Meal, Prime Quality	39.69	41.00	3.90	2.00	13.04	14.00	
Southern Cotton Oil Division Hunt Foods & Industries, Inc. Rocky Mount, N. C.							
41% Protein Cottonseed Meal, Prime Quality	*38.88	41.00	3.72	2.00	13.20	14.00	
Spangler's Flour Mill, Inc. Mount Joy, Pa.							
Soft Winter Wheat Bran	14.69	13.75	3.55	3.50	9.04	10.00	
Soft Winter Wheat Middlings	16.94	12.00	4.88	3.00	5.23	8.00	
A. A. Spannuth & Sons Myerstown, Pa.							
32% Dairy & Cattle Supplement	33.13	32.00	2.50	1.50	7.39	8.00	
Hay Saver	13.60	11.00	2.22	2.00	12.45	17.00	
20% Layer	21.06	20.00	5.25	4.00	3.96	6.00	
Master Made Egg Mash	20.31	20.00	3.65	2.50	4.05	6.50	
Master Made Sow & Pig Feed	17.63	17.00	3.22	3.00	5.62	7.00	
32% Steer Supplement	31.06	32.00	1.73	1.00	9.63	9.50	
Specialized Pet Diets, Inc. Los Angeles 18, Calif.							
#No. 5 Cat Diet	9.63	10.00	5.63	4.50	0.69	0.75	
#No. 4 Intestinal Diet	*7.73	9.00	1.50	1.00	0.37	0.75	
#No. 1 Kidney Diet for Ageing Dogs	7.66	7.50	4.55	4.00	0.72	1.00	
#No. 3 Obesity Diet	7.91	7.50	1.66	2.00	1.56	7.00	
#No. 2 Puppy Diet	10.77	9.00	*3.09	5.00	0.98	1.00	
Spencer Milling Company Thompson, Pa. 18465							
18% Dairy Ration	17.50	18.00	3.87	3.50	7.59	10.00	
Fitting Ration	12.76	12.00	3.14	3.00	6.91	10.00	
Laying Mash	20.63	20.00	*2.25	3.50	6.17	6.50	
Eugene P. Spotts Honey Brook, Pa.							
Laying Mash Medicated	21.25	20.00	3.92	3.00	4.22	7.00	+
A. E. Staley Manufacturing Company Decatur, Ill.							
21% Corn Gluten Feed	24.06	21.00	2.23	1.50	8.09	10.00	
41% Corn Gluten Meal	47.56	41.00	2.41	1.00	2.73	6.00	
50% Dehulled Soybean Meal, Solvent Extracted	50.94	50.00	0.73	0.50	3.01	3.00	
50% Protein Dehulled Soybean Meal, Solvent Extracted	50.31	50.00	0.90	0.50	2.88	3.00	
50% Protein Dehulled Soybean Meal, Solvent Extracted	50.94	50.00	0.68	0.50	3.15	3.00	
44% Protein Soybean Meal, Solvent Extracted	48.75	44.00	1.65	0.50	5.07	7.00	
44% Protein Soybean Meal, Solvent Extracted	45.94	44.00	1.30	0.50	8.09	7.00	
44% Protein Soybean Meal, Solvent Extracted	46.56	44.00	1.20	0.50	4.81	7.00	
44% Protein Soybean Meal, Solvent Extracted	48.75	44.00	1.17	0.50	5.17	7.00	
44% Protein Soybean Meal, Solvent Extracted	44.38	44.00	0.97	0.50	7.20	7.00	
44% Protein Soybean Meal, Solvent Extracted	45.00	44.00	1.00	0.50	7.16	7.00	
44% Protein Soybean Meal, Solvent Extracted	47.81	44.00	0.63	0.50	6.66	7.00	
44% Protein Soybean Meal, Solvent Extracted	45.00	44.00	0.80	0.50	7.46	7.00	
44% Protein Soybean Meal, Solvent Extracted	45.00	44.00	0.92	0.50	6.80	7.00	
Soybean Mill Run	19.38	11.00	6.65	0.50	26.19	35.00	
Stark Feed Mills Massillon, Ohio							
Hunter's Crumlettes Dog Food	26.25	23.00	6.76	6.00	3.26	6.00	
Hunters Dog Food	21.88	23.00	*5.11	6.00	3.91	6.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
J. P. Stark & Son Tarentum, Pa.							
Master Made Egg Mash	21.19	20.00	3.83	2.50	4.86	6.50	
Master Made Hi-Calorie All Mash Layer	17.94	17.00	4.18	4.00	2.86	3.50	
Scratch Feed	10.63	9.00	*2.17	3.00	2.97	6.00	
Starner Grain & Feed Mill Hampton, Pa.							
Steer Supplement	*24.81	26.00	1.92	1.00	8.41	10.00	
16% Test Cow Ration	16.25	16.00	3.03	3.00	6.66	7.30	
H. M. Stauffer & Sons, Inc. Leola, Pa.							
Fitting Feed	13.13	12.00	3.21	3.00	7.86	9.00	
Pep-Mix 16% Layer Breeder	14.69	16.00	3.50	3.50	4.36	5.50	
Pep-Mix Super Dairy Feed	14.78	14.00	4.62	3.00	7.01	9.00	
Pullet Grower #2	17.31	17.00	3.37	3.50	6.51	6.00	
J. K. Stauffer & Son Lawn, Pa.							
0.0011% Diethylstilbestrol in 32% Steer Supplement	35.00	32.00	2.21	2.50	6.92	9.00	+
#36% Poultry Supplement	38.63	36.00	4.68	3.00	6.27	8.00	
36% Poultry Supplement	36.56	36.00	4.77	3.00	6.83	8.00	
38% Poultry Supplement	37.19	38.00	4.78	4.00	5.81	7.50	
32% Steer Supplement	33.75	32.00	2.71	2.50	7.53	9.00	
Stegmaier Brewing Company Wilkes-Barre, Pa.							
Brewers Dried Grains	28.44	25.00	4.79	5.00	14.35	16.00	
Brewers Dried Grains	29.06	25.00	4.73	5.00	14.62	16.00	
Stehr Brothers Pitman, Pa.							
20% Chick Starter Medicated	21.00	20.00	4.07	3.50	4.17	4.50	+
Pep-Mix Broiler Finisher Medicated	20.31	20.00	3.79	4.00	2.75	3.00	17a
Pep-Mix Brood Sow Ration	17.19	16.00	3.48	3.00	5.39	7.50	
Pep-Mix Growing Mash	18.13	18.00	4.16	3.00	3.98	7.00	
Pep-Mix Hog Meal	15.94	16.00	3.60	3.00	3.97	7.00	
Pep-Mix Laying Ration	18.75	16.00	3.62	4.00	2.77	4.50	
Pep-Mix Laying Mash	20.31	20.00	3.90	4.00	3.35	5.00	
Jesse C. Stewart Company Pittsburgh 34, Pa.							
Brewers Dried Grains	33.13	26.00	5.49	5.00	11.99	18.00	
Brewers Dried Grains	32.63	26.00	5.59	5.00	10.79	18.00	
Stewartstown Milling Company, Inc. Stewartstown, Pa.							
All Mash Laying Mash	17.94	16.00	3.34	3.00	3.33	6.00	
All Mash Laying Mash	16.88	16.00	3.58	3.00	3.06	6.00	
32% Dairy Ration	*30.19	32.00	1.56	2.00	9.78	10.50	
20% Egg Mash	19.38	20.00	3.62	3.00	4.02	7.50	
#36% Hog Supplement	34.81	36.00	3.48	3.00	5.99	8.00	
D. A. Stickell & Sons, Inc. Hagerstown, Md.							
Dairy Balancer 32%	35.31	32.00	1.98	2.00	10.82	12.00	
Laying & Growing Supplement	39.69	36.00	5.79	5.00	6.31	6.00	
22% Laying Mash	23.25	22.00	4.23	3.50	5.89	4.00	
Medicated Vigo-Rade	22.88	19.00	4.01	3.50	*6.05	4.00	
Sow & Pig Concentrate Medicated	37.19	36.00	6.56	2.75	6.39	8.50	1
F. W. Stock & Sons Hilldale, Mich.							
Wheat Bran	14.88	13.00	3.56	2.75	10.44	12.00	
Wheat Bran	15.94	13.00	2.81	2.75	9.50	12.00	
Wheat Bran	15.44	13.00	3.01	2.75	10.64	12.00	
Wheat Bran	15.38	13.00	3.11	2.75	12.55	12.00	
Wheat Bran	15.00	13.00	3.50	2.75	10.60	12.00	
#Wheat Germ	28.13	26.00	8.70	8.50	2.00	3.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Edwin F. Stover Estate Perkasie, Pa.							
16% Dairy Feed	15.94	16.00	3.40	2.50	7.08	11.00	
Diamond Growing Mash	21.25	19.00	4.94	3.50	4.90	6.50	
Diamond Laying Mash	20.94	20.00	4.46	3.50	5.15	8.00	
#Pig Feed	16.56	16.00	3.71	3.00	5.70	8.00	
G. H. Stover's Feed Mill Centre Hall, Pa.							
32% Dairy Supplement	33.44	32.00	1.84	1.00	6.14	10.00	
20% Egg Mash	22.50	20.00	4.08	3.00	4.93	6.50	
Pig & Hog Supplement	36.56	36.00	4.33	2.50	6.04	10.50	
Pig & Sow Meal	19.69	16.00	3.30	2.50	6.55	8.50	
Summer Dairy Feed	15.25	13.00	3.05	2.00	7.01	10.00	
Strauby's Milling Company Weissport, Pa.							
#Dog Food	*21.06	24.00	9.58	6.00	3.62	4.50	
Dog Food	*22.19	24.00	8.58	6.00	3.71	4.50	
Dog Food	23.13	24.00	8.25	6.00	3.97	4.50	
#Dog Food Meal	25.31	24.00	7.81	7.00	4.27	4.00	
#Whole Bone Biscuits	23.75	22.00	5.89	3.00	4.27	3.00	
Suffolk Oil Mills, Inc. Suffolk, Va.							
45% Peanut Meal, Expeller Type	50.44	45.00	6.32	4.50	6.62	7.00	
Sunday Dinner Packing Company Sinking Spring, Pa.							
Dog Food	13.93	13.25	5.63	8.00	0.39	1.50	
Sunday's Mill Company Carlisle, Pa.							
24% Dairy	23.94	24.00	2.23	2.25	7.65	10.00	
32% Dairy	32.81	32.00	2.73	1.75	7.43	10.00	
32% Dairy	35.69	32.00	3.17	1.75	7.79	10.00	
Lay Mash	19.69	20.00	5.40	3.50	4.94	8.00	
Pig Meal	19.13	15.00	2.76	2.50	5.75	9.00	
Sunny Slope Farms, Inc. Bath, Pa.							
17% Dehydrated Alfalfa Meal w/Ethoxyquin	16.69	17.00	3.00	2.00	27.27	27.00	
17% Dehydrated Alfalfa Meal w/Ethoxyquin	19.69	17.00	3.52	2.00	20.82	27.00	
20% Dehydrated Alfalfa Meal w/Ethoxyquin	20.63	20.00	3.43	2.00	23.10	22.00	
Sunset Feed & Grain Company Buffalo 2, N. Y.							
Pulverized White Oats	12.81	---	3.68	---	11.80	---	
Swift & Company Oil Mill Department Chicago, Ill.							
#41% Cottonseed Meal or Pellets, Solvent Extracted, Prime Quality	43.63	41.00	1.47	1.50	11.70	14.00	
41% Protein Cottonseed Meal, Prime Quality	39.67	41.00	3.96	3.00	11.05	13.00	
44% Protein Soybean Meal, Solvent Extracted	47.81	44.00	1.54	0.50	5.48	7.00	
44% Protein Soybean Meal, Solvent Extracted	49.50	44.00	1.21	0.50	4.00	7.00	
44% Protein Soybean Meal, Solvent Extracted	45.31	44.00	0.93	0.50	7.73	7.00	
50% Protein Dehylled Soybean Meal, Solvent Extracted	50.63	50.00	0.94	0.50	3.04	3.00	
Syracuse Dehydrated Products Syracuse, Ind.							
Dri-Las, Jr.	6.56	6.00	0.28	0.50	16.00	17.00	
#Scotch-O-Lass Dried Molasses	5.94	5.00	0.19	0.50	17.11	18.00	
Teklad, Inc. Monmouth, Ill.							
"D" Free Rat Diet	24.69	24.00	4.41	3.50	5.01	5.00	
Guinea Pig Diet	19.69	17.00	2.49	2.50	15.19	16.00	
Mouse/Rat Diet	23.13	24.00	4.53	4.00	4.53	6.00	
Rabbit Ration	18.69	17.00	1.46	1.50	13.78	16.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
W. M. Templeton & Sons Houston, Pa.							
All Mash Laying Ration	17.50	16.00	3.83	3.50	3.53	5.50	
32% Dairy Concentrate	33.44	32.00	1.86	1.50	6.53	7.00	
14% Dairy Ration	15.75	14.00	2.78	2.50	4.28	6.50	
16% Dairy Ration	15.13	16.00	2.91	2.50	6.09	6.50	
14% Hog Grower & Fattener	15.19	14.00	3.58	3.50	3.50	5.00	
20% Laying Ration	20.63	20.00	3.54	3.50	6.74	6.50	
Terry Lee Products St. Paul 5, Minn.							
Liv-A-Snaps	19.56	18.00	4.04	1.50	0.78	3.50	
The Theobald Industries Kearny, N. J.							
#Lactofat	16.00	13.00	*53.58	60.00	0.19	0.20	
#Lactofat	14.75	13.00	59.25	60.00	0.26	0.20	
#Veal Milk Replacer	26.47	25.00	22.85	25.00	0.17	0.20	
#Veal Milk Replacer	27.75	25.00	23.42	25.00	0.16	0.20	
Thomas Feed Mill Holsopple, Pa.							
Corn & Oats Chop	10.31	9.00	3.76	3.00	6.30	9.00	
Master Made All Mash Pullet Developer	16.25	14.50	3.64	3.50	4.14	5.50	
Master Made All Mash Pullet Developer	15.94	14.50	3.74	3.50	4.94	5.50	
Master Made Calf Grower	14.21	15.00	3.48	3.00	5.33	7.00	
Master Made Chick Starter Medicated	18.96	21.00	3.78	3.50	4.62	5.00	+
Master Made 16% Dairy Feed	15.94	16.00	3.30	3.00	5.88	9.00	
Master Made 16% Dairy Feed	15.94	16.00	3.02	3.00	7.68	9.00	
Master Made Egg Mash	21.25	20.00	3.29	2.50	4.90	6.50	
Master Made Hog Feed	14.81	14.00	3.55	3.00	5.99	6.00	
Bruce Thomas Berwick, Pa.							
#All Mash Layer	16.31	16.50	4.14	4.00	2.35	3.50	
All Mash Layer	15.50	16.50	5.10	4.00	2.78	3.50	
All Mash Layer	16.25	16.50	4.39	4.00	3.20	3.50	
#All Mash Pullet Developer	15.63	14.50	3.57	3.50	3.68	5.50	
All Mash Pullet Grower Medicated	17.50	16.50	4.03	3.50	4.63	6.00	+
#Chick Starter Medicated	21.38	21.00	4.50	3.50	4.13	5.00	+
Chick Starter Medicated	20.31	21.00	4.40	3.50	4.39	5.00	+
W. B. Thompson & Son Waynesboro, Pa.							
Egg Mash	19.81	18.00	3.36	2.00	7.91	11.00	
Pig & Hog Meal	20.63	16.00	3.03	2.00	8.68	11.00	
Wild Bird Feed	9.75	9.00	4.28	2.50	3.35	8.00	
Thompson & Mateja New Wilmington, Pa.							
Master Made All Mash Layer	16.75	17.00	4.64	4.00	3.23	3.50	
Master Made Egg Mash	19.63	20.00	4.52	2.50	6.59	6.50	
Pig & Hog Feed	17.38	16.00	3.11	3.00	6.30	5.50	
3 Little Kittens Division Usen Canning Company Woburn, Mass.							
3 Little Kittens Seafood Treat Cat Food	16.47	14.00	2.30	2.00	0.42	1.00	
Thrift Feed Mills, Inc. Wycombe, Pa.							
Complete Horse Feed	13.13	12.00	2.36	2.00	19.43	25.00	
Dog Food (With Pellets)	23.13	23.00	7.60	6.00	4.56	5.00	
Hog Supplement	35.19	36.00	3.88	4.00	7.63	7.50	
Medicated Thriftee Starting Mash	23.44	22.00	4.32	4.00	3.86	4.50	+
Special Calf Builder	20.78	17.50	2.51	3.00	8.33	9.00	
32% Supplemental Dairy	*30.31	32.00	1.96	2.00	9.37	8.50	
Thriftee Booster Pellet	25.00	26.00	4.10	4.50	6.86	5.00	
Thrivo Company, Inc. Philadelphia, Pa.							
Thrivettes Dog Food	25.31	24.00	11.86	7.00	3.20	4.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Tidewater Grain Company Philadelphia 6, Pa.							
#Soybean Screenings	25.00	24.00	12.04	10.00	13.13	15.00	
Timco Pet Foods Division of Timerson Canning Company, Inc. Fair Haven, N. Y.							
#Cat Food	11.68	12.00	3.07	2.50	1.07	1.25	
Tioga Mills, Inc. Waverly, N. Y. and Sunbury, Pa.							
All-Mash Egg Layer Medicated	19.00	16.00	5.56	3.75	3.90	4.50	+
All-Mash Egg Layer Medicated	18.44	16.00	4.34	3.75	3.55	4.50	+
All-Mash Laying Feed Medicated	18.69	17.00	4.58	5.00	2.94	4.00	+
All-Mash Turkey Finisher Medicated	16.06	15.00	5.57	5.00	3.27	4.50	+
All-Mash Turkey Grower Medicated	18.44	18.00	5.23	4.50	3.49	4.50	+
Broiler Starter Medicated	22.94	23.00	8.27	7.00	2.38	3.50	+
Cage Layer Feed Medicated	17.94	17.00	4.56	5.00	3.72	4.00	+
Chicatine Medicated	23.13	21.00	4.69	4.00	3.55	4.50	12
Chicatine Medicated	19.81	20.00	4.50	3.50	3.30	4.00	+
#Complete Brood Sow & Hog Feed Medicated	16.25	15.00	4.20	3.50	6.04	6.50	+
Complete Brood Sow & Hog Feed Medicated	16.56	15.00	3.84	3.50	6.11	6.50	+
Conditiontine	15.94	14.50	4.15	4.00	3.24	3.50	
Creamatine 20%	19.69	20.00	4.44	4.00	7.85	8.00	
50% Dairy Cattle Supplement	50.31	50.00	2.78	1.50	5.36	6.00	
50% Dairy Cattle Supplement	52.50	50.00	2.82	1.50	6.24	6.00	
32% Dairy Mixing Feed	31.44	32.00	3.18	2.50	6.36	8.50	
32% Dairy Mixing Feed	31.75	32.00	3.12	2.50	7.95	8.50	
32% Dairy Supplement	32.81	32.00	5.07	3.00	8.50	9.00	
0.0011% Diethylstilbestrol in 32% Steer Supplement	33.25	32.00	4.31	3.50	7.16	9.00	+
Dry & Freshening Feed	14.69	14.00	3.76	3.00	8.59	8.50	
Egatine Medicated	24.06	22.50	4.46	3.50	3.84	4.00	+
#Grower - Medicated	18.13	18.00	5.11	4.50	3.02	5.00	+
40% Laying Concentrate Medicated	39.69	40.00	4.67	3.50	3.32	4.00	+
40% Laying Concentrate Medicated	39.19	40.00	3.75	2.50	3.62	4.00	+
Laying Mash Medicated	19.56	20.00	3.56	3.50	4.26	5.00	+
Medicated Ti-O-Aid	22.00	20.00	8.37	6.00	2.59	3.50	
32% Steer Supplement	32.50	32.00	4.50	3.50	7.62	9.00	
Turkatine Medicated	30.00	28.00	4.10	4.00	3.21	4.50	+
#Turkatine Medicated (P)	27.50	28.00	4.66	4.00	2.88	5.00	7
Titusville Agway, Inc. Titusville, Pa.							
Corn & Oats Chop	10.63	10.00	3.22	3.50	6.76	8.00	
Corn & Oats Chop	12.50	10.00	3.90	3.50	5.60	8.00	
L. M. Torrey Townville, Pa.							
Egg Mash 18%	17.94	18.00	4.11	3.50	6.01	8.00	
Traders Hardware & Feed Center East Stroudsburg, Pa.							
Hog Meal	15.56	14.00	3.49	3.50	3.09	7.00	
Trexler Farms Allentown, Pa.							
1/4" Alfalfa Pellets	15.81	13.00	2.64	2.00	29.10	32.00	
17% Dehydrated Alfalfa Meal w/Ethoxyquin	19.06	17.00	3.03	2.00	27.19	27.00	
Tri Associates, Inc. Minneapolis, Minn.							
Milk Replacer Medicated	26.79	25.00	4.97	4.50	1.49	2.00	
Milk Replacer Medicated	26.25	25.00	5.30	4.50	1.45	2.00	
Tropicana Products, Inc. Bradenton, Fla.							
#Sweetest Dried Citrus Pulp	6.63	6.00	6.07	2.00	12.02	12.00	
Troutman's Feed & Grain Dornsife, Pa.							
Hog Developer Medicated	16.25	15.00	3.75	3.00	5.36	6.00	+

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Troy Agway, Inc. Feed Division Troy, Pa.							
Dairy	15.94	16.00	4.97	3.50	6.54	10.00	
Hog Feed	19.69	17.00	3.74	3.00	7.88	8.00	
Troy Meat, Inc. Troy, Pa.							
Meat & Bone Scraps	*45.06	50.00	19.89	10.00	3.20	3.00	
Meat & Bone Scraps	*45.31	50.00	16.67	10.00	3.25	3.00	
Samuel O. Trupe East Earl, Pa.							
All-Mash Layer	16.56	16.00	3.71	4.00	1.94	2.75	
Hog Feed	17.81	16.00	3.14	3.00	6.57	8.00	
Hog Feed	14.44	16.00	3.68	3.00	6.06	8.00	
#Super Chick Starter	22.31	20.00	3.73	3.75	3.79	5.00	
Tulip, Inc. Philadelphia 34, Pa.							
Pet-Rite Beef & Beef By-Products Dog Food	12.31	10.50	7.74	6.00	0.29	1.50	
Pet-Rite Beef Liver Dog Food	14.51	12.00	7.72	4.00	0.42	1.50	M
#Pet-Rite Beef Liver Dog Food	15.22	12.00	*8.33	4.00	0.56	1.50	M
Turner's Mill, Inc. Cambridge Springs, Pa.							
Doggy Diet	19.19	17.00	5.87	3.50	4.47	5.00	
Egg Mor	18.44	18.00	4.85	4.00	2.97	3.50	
Milk Plus	15.63	16.50	3.43	2.50	6.27	7.50	
Twin Valley Farm Bureau Coop. Assn. Belleville, Pa.							
32% Dairy Supplement	35.80	32.00	1.67	2.00	7.50	10.00	
32% Dairy Supplement	33.13	32.00	2.06	2.00	8.38	10.00	
Tyrone Milling Company Tyrone, Pa.							
Calf Grower	18.75	18.00	2.76	3.00	7.94	8.00	
32% Dairy Feed	33.09	32.00	1.61	2.25	6.33	8.00	
36% Hog Concentrate	38.44	36.00	5.43	3.00	6.33	10.00	
Laying Mash Medicated	20.63	20.00	4.86	4.00	4.02	5.00	+
36% Mash Concentrate	36.69	36.00	5.94	4.00	5.53	7.00	
Ulsh Farm & Home Supply, Inc. Port Treverton, Pa.							
#Master Made All Mash Pullet Developer	18.44	14.50	3.56	3.50	5.11	5.50	
Master Made All Mash Pullet Grower Medicated	18.13	16.50	4.00	3.50	4.42	6.00	+
Master Made 16% Dairy Feed	15.94	16.00	3.07	2.50	4.92	10.00	
Master Made Pig Grower & Fattener	15.31	14.00	3.10	3.00	3.17	6.00	
Master Made Pig Grower & Fattener	16.69	14.00	3.59	3.00	3.93	6.00	
Ultra-Life Laboratories, Inc. East St. Louis, Ill.							
Calf Food Pellets Medicated	23.75	24.00	4.01	3.00	7.08	7.00	
Union City Cooperative Ass'n., Inc. Union City, Pa.							
Corn & Oats Chop	11.06	9.00	4.27	3.50	4.97	7.00	
United Creameries, Inc. Middlebury Center, Pa.							
Dried Skim Milk	35.41	33.00	0.54	0.50	1.68	---	
Dried Skim Milk	35.31	33.00	0.48	0.50	0.33	---	
United Mills Clarion, Pa.							
Egg Maker	20.56	20.00	3.32	3.50	6.41	7.00	
Egg Maker	20.25	20.00	3.52	3.50	5.40	7.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Universal Grain Company of New Jersey Newark, N. J.							
Brewers Dried Grains	35.31	26.00	5.47	6.00	9.51	17.00	
Usen Canning Company Woburn, Mass.							
#Tabby Cat Food	14.80	12.00	2.06	2.00	0.26	1.00	
Valley Farm & Lawn Supply Sharpsville, Pa.							
Egg Mash	21.88	18.00	4.71	4.00	6.44	7.00	
Egg Mash	19.06	18.00	4.93	4.00	6.01	7.00	
Valley Pet Food Company Oakdale, Pa.							
A-A-A Brand Dog Food	25.94	25.00	4.52	5.00	2.18	4.50	
Vandervort Mills, Inc. Laceyville, Wysox and New Milford, Pa.							
Calf Booster Pellets	17.63	16.00	3.29	3.00	8.75	7.00	
Chick Grower Medicated	18.44	18.00	3.53	3.00	5.20	6.00	+
#30% Dairy Ration	33.44	30.00	1.09	1.50	6.85	9.00	
16% Dairy Ration Sweet Sixteen	18.81	16.00	3.40	3.00	9.20	11.50	
16% Dairy Ration Sweet Sixteen	15.94	16.00	3.64	3.00	8.55	11.50	
Gold Band 18% Dairy Ration	20.00	18.00	3.71	3.50	7.61	8.00	
18% Laying Mash	17.81	18.00	3.37	3.50	6.00	6.00	
E. W. Vandervort Clarks Mills, Pa.							
All Mash	15.94	15.00	3.18	3.50	4.17	5.50	
Dairy Feed	14.19	14.00	3.02	2.50	9.55	10.00	
Egg Mash	19.69	20.00	3.88	3.00	5.71	8.00	
Hog Feed	15.13	14.00	3.53	3.00	5.55	7.00	
Van-Mar Feeds, Inc. Leesport, Pa.							
32% Dairy Concentrate U	33.75	32.00	3.65	3.00	7.87	10.00	
38% Dairy Concentrate U	37.75	38.00	2.84	2.50	7.58	9.00	
Heifer Feed	14.69	12.00	2.91	2.50	6.99	9.50	
Hi-Calorie A. M. Layer	17.81	17.00	4.60	4.00	2.99	3.50	
Hog Finisher	15.31	12.00	3.55	3.50	3.97	3.00	
Pig-ets Medicated	20.63	18.00	3.69	4.00	3.11	4.00	
Q-Kow Pells	17.81	16.00	3.17	3.50	5.84	8.50	
38% Quality Dairy	39.19	38.00	2.68	2.00	6.51	6.50	
Verity Mills, Inc. Buffalo 10, N. Y.							
30% Pure Grain Dairy Balancer	30.31	30.00	2.60	2.00	5.95	6.00	
#Sow & Pig Concentrate	34.38	35.00	3.26	2.50	6.92	7.00	
Vet's Division of Perk Foods Company Chicago 10, Ill.							
Dog Food	10.03	10.00	3.08	2.00	1.15	1.50	
Vogt's Rendering Works Lewistown, Pa.							
Meat Meal & Poultry By-Product Meal	53.75	55.00	12.69	8.00	2.23	4.00	
Meat Meal & Poultry By-Product Meal	*51.88	55.00	14.01	8.00	2.02	4.00	
Vose & Sons Supply Company South Easton, Mass.							
Ace High Dog Food	7.64	8.00	0.47	1.00	1.15	1.50	
Earl A. Walbert Mertztown, Pa.							
Steer Feed	13.13	12.00	2.64	2.50	7.02	10.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Walker Brothers Chambersburg, Pa.							
Check-R-Mix Laying Feed (All Mash) SN	16.56	16.00	3.81	3.00	3.97	5.00	
16% Dairy Feed	17.56	16.00	2.64	2.00	9.08	11.00	
Hog Feed	17.50	16.00	3.09	3.00	6.56	8.00	
C. L. Walker & Sons Elizabethville, Pa.							
16% Dairy Feed	15.00	16.00	2.37	2.00	6.94	10.00	
#Egg Mash	20.63	20.00	3.35	3.00	5.57	8.00	
40% Hog Supplement	42.19	40.00	3.82	3.00	3.63	8.00	
Hiram Walker & Sons, Inc. Peoria, Ill.							
Corn Distillers' Dried Grains w/Solubles	25.31	24.00	8.15	8.00	8.85	10.00	
Corn Distillers' Dried Grains w/Solubles	34.06	24.00	9.31	8.00	6.98	10.00	
Corn Distillers' Dried Grains w/Solubles	25.94	24.00	8.04	8.00	8.20	10.00	
Corn Distillers' Dried Grains w/Solubles	26.88	24.00	8.58	8.00	7.32	10.00	
J. C. Walker & Son, Inc. Gap, Pa.							
32% Dairy Concentrate	35.31	32.00	1.69	2.00	9.11	8.00	
32% Dairy Concentrate	33.13	32.00	1.97	2.00	8.16	8.00	
Dairy Feed	14.69	15.00	2.71	2.50	10.48	1.50	
D-Zert	11.98	12.00	1.85	2.00	14.30	16.00	
Egg Mash	19.63	20.00	4.82	2.00	5.80	15.00	
Ward Baking Company Youngstown, Ohio							
Bread Crumbs	*12.31	13.50	6.51	3.40	0.63	0.60	
Warner Dog Food Company, Inc. Brooklyn, N. Y.							
Terrier Special Kibble Dog Food	24.38	22.00	4.37	3.50	1.56	2.00	
Washington County Farm Bureau Coop. Assn. Washington, Pa.							
Chop	11.88	10.00	3.48	3.50	5.85	8.00	
Chop	10.94	10.00	3.76	3.50	5.25	8.00	
Ham-Maker Medicated	14.06	12.00	4.08	3.00	2.15	3.75	+
Ham-Maker Medicated	13.75	12.00	3.54	3.00	2.88	3.75	+
Steak-Maker	15.38	13.50	3.77	3.25	2.99	3.50	
Steak-Maker	15.94	13.50	3.79	3.25	2.73	3.50	
Watson Rendering Plant Allenwood, Pa. 17810							
Animal Fat	---	---	87.78	90.00	---	---	
Meat & Bone	44.81	45.00	11.61	8.00	2.05	3.00	
Meat & Bone	45.63	45.00	11.25	8.00	2.18	3.00	
Meat & Bone	48.13	45.00	10.29	8.00	1.91	3.00	
Meat & Bone	55.00	50.00	13.26	8.00	1.93	3.00	
Wayland Farm Supply DuBois, Pa.							
All Mash Layer Medicated	16.88	15.00	3.80	3.50	2.53	5.50	+
All Mash Layer Medicated	15.19	15.00	3.83	3.50	3.39	5.50	+
Corn & Oats Chop	10.31	10.00	*3.41	4.00	6.06	10.00	
Waymart Milling Company Waymart, Pa.							
18% Dairy Ration	20.31	18.00	4.22	4.00	5.22	7.50	
Fitting Ration	17.19	14.00	2.96	3.50	5.55	9.00	
Laying & Breeding Mash	20.88	20.00	5.04	4.00	5.43	7.00	
Wayne Feed Supply Company, Inc. Fort Wayne, Ind. 46801							
Hog Ration	12.50	12.00	3.89	3.00	2.78	5.00	
Hog Ration (3) Medicated	13.75	12.00	3.32	3.00	6.43	5.00	+

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Waynesburg Milling Company Waynesburg, Pa.							
All-Mash Grower Medicated	16.75	16.00	6.43	4.00	*8.22	5.00	+
Calf Starter & Grower	15.00	16.00	3.34	3.00	4.89	8.00	
Egg Mash	20.31	20.00	3.16	3.50	5.31	5.50	
Egg Mash	23.44	20.00	3.21	3.50	6.02	5.50	
Egg Mash (All Mash)	17.44	16.00	3.47	3.00	4.68	4.00	
16% Grain 'n Pels	17.19	16.00	3.16	3.50	4.01	6.00	
Growing Mash Medicated	*17.81	20.00	3.53	4.00	5.10	6.00	+
Hog Finisher	13.56	14.00	3.73	3.50	3.30	4.00	
Hog Finisher	14.06	14.00	3.99	3.50	3.20	4.00	
Pig & Hog Grower	14.50	16.00	3.65	3.50	3.97	5.00	
Pre-Starter Medicated	19.19	20.00	3.65	3.50	4.94	7.50	+
16% Ration	17.19	16.00	2.66	2.50	6.10	8.00	
Sheep-Lamb Ration	11.88	11.00	3.62	2.50	4.72	8.00	
Steer Ration	12.81	11.00	2.75	2.50	7.20	8.00	
Weigel Brothers Oxford, Pa.							
Grow Lay	17.19	16.00	3.74	3.00	3.29	5.50	
Hog Finisher	12.19	12.50	3.43	3.00	2.72	4.00	
Hog Grower	15.06	14.00	3.66	3.00	4.21	5.00	
20% Laying Mash	20.19	20.00	3.82	2.50	3.54	6.50	
H. J. Weimer, Jr. Lewistown, Pa.							
Corn & Oats Chop	10.31	9.00	3.44	3.00	4.34	7.00	
Hog Feed	16.56	16.00	4.03	3.00	4.19	9.00	
Laying Mash	20.00	20.00	3.40	3.00	4.25	7.00	
Laying Mash	20.44	20.00	3.79	3.00	4.40	7.00	
Welles Mill Company Wyalusing, Pa.							
16% Dairy Ration	20.00	16.00	4.42	3.00	8.36	12.00	
20% Dairy Ration	22.19	20.00	4.17	3.50	7.74	10.00	
14% Fitting Ration	16.88	14.00	3.21	3.00	6.97	9.00	
Laying Mash	22.19	20.00	4.14	3.50	6.01	6.00	
Milk Replacer for Calves	29.38	28.00	10.44	10.00	2.43	3.00	
Pig Ration	18.44	16.00	4.62	3.50	5.42	9.00	
Super 16% Dairy	17.99	16.00	3.02	3.00	8.95	12.00	
Wells Brokerage & Distributing Company Suffolk, Va.							
Peanut Skins	15.69	10.00	13.54	10.00	13.60	15.00	
Ralph Wells & Company Monmouth, Ill.							
Corn Flakes	8.44	7.00	2.22	2.00	1.99	2.50	
Soy Cake-Lets	43.38	44.00	4.03	4.00	4.82	7.00	
Splash Fish Food No. 5	32.19	32.00	3.70	4.00	6.28	7.00	
C. P. Wenger & Sons Ephrata, Pa.							
24% Dairy Feed	25.31	24.00	4.03	2.00	10.21	12.00	
24% Dairy Feed	26.88	24.00	2.76	2.00	9.07	12.00	
32% Dairy Feed	31.56	32.00	3.50	2.00	8.60	12.00	
Poultry Mash	26.25	24.00	3.90	2.00	5.33	7.00	
Monroe N. Wenger Linstead, Reading, Pa.							
16% Dairy Feed	22.31	16.00	2.59	2.50	10.10	11.00	
20% Dairy Feed	21.69	20.00	2.32	2.50	8.60	11.00	
32% Dairy Feed	*28.02	32.00	*1.08	2.00	8.07	10.00	
32% Dairy Feed	34.69	32.00	2.01	2.00	6.87	10.00	
Wenger's Feed Mill, Inc. Rheems, Pa.							
Breeder Layer	22.19	22.00	4.39	3.50	4.06	5.00	
32% Dairy Concentrate	31.06	32.00	1.87	1.00	9.32	9.00	
0.0011% Diethylstilbestrol Mixture in 32% Steer Concentrate	35.94	32.00	2.03	2.25	*11.31	7.50	+
Sow & Pig Concentrate Medicated	30.94	32.00	4.59	3.75	7.42	8.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
H. R. Wentzel Sons Landisburg, Pa.							
All Mash Grower Medicated	15.31	15.00	4.38	4.00	5.45	6.00	15a
All Mash Grower Medicated	16.44	15.00	4.39	4.00	2.15	6.00	+
Economy Perry All-Mash Layer	17.19	16.00	4.01	3.00	5.55	6.50	
40% Hog Concentrate	39.06	40.00	5.81	4.00	6.25	6.00	
Laying & Breeders Mash	21.13	20.00	4.84	4.00	5.06	6.00	
Soft Winter Wheat Bran	15.63	14.00	3.19	3.00	8.46	10.00	
Supplement Mash 34%	35.63	34.00	6.15	5.00	*6.15	5.00	
Wheat Middlings w/Ground Mill Run Screenings	17.19	13.00	5.31	3.00	4.24	9.00	
Wentzel & Metz Hamburg, Pa.							
Laying Mash	22.50	20.00	4.44	3.00	4.72	7.00	
Laying Mash	23.44	20.00	4.00	3.00	5.30	7.00	
Superior Hog Feed	17.19	16.00	3.92	3.00	6.35	7.00	
Superior Hog Feed	16.88	16.00	3.92	3.00	5.76	7.00	
Charles Werner & Company Pine Grove, Pa.							
Master Made Egg Mash	19.06	20.00	3.54	2.50	4.03	6.50	
Master Made Grower	18.56	18.00	3.89	3.50	4.66	5.50	
Master Made Hog Feed	12.19	12.50	3.36	3.50	3.85	5.00	
#Master Made Pig Feed Medicated	16.00	16.00	3.76	3.00	5.17	5.00	+
Wertz Milling Company Wernersville, Pa.							
16% Dairy Ration	17.19	16.00	2.17	2.25	7.35	10.00	
16% Economy Dairy	18.13	16.00	*1.97	2.50	7.49	11.00	
16% Economy Dairy	16.25	16.00	*1.97	2.50	7.61	11.00	
Hog Supplement Medicated	36.13	35.00	2.85	2.50	7.67	9.00	+
Layer	23.13	20.00	4.44	4.00	5.81	6.00	
Pig Feed	18.75	18.00	3.79	4.00	4.69	8.00	
West Sunbury Milling Company West Sunbury, Pa.							
Hog Feed	18.75	16.00	3.65	2.50	4.70	6.00	
Laying Mash	22.19	20.00	3.24	3.00	4.76	6.00	
Starting & Growing Mash	20.63	18.00	3.33	3.00	5.38	6.00	
West Waynesburg Feed Service Waynesburg, Pa.							
Check-R-Mix 16% Dairy Feed MW	16.56	16.00	3.24	2.50	4.07	9.00	
Check-R-Mix Hog Finisher 1A	*12.81	14.00	3.39	2.50	3.10	6.00	
Scratch	10.00	9.50	2.98	3.00	4.04	10.00	
West Willow Farmers Assn., Inc. West Willow, Pa.							
26% Beef-Gro Dry Lot Supplement	26.56	26.00	1.37	0.75	6.50	6.50	
36% Dairy Concentrate	35.45	36.00	1.49	1.00	5.47	8.00	
30% Hog Concentrate	31.25	30.00	3.57	2.50	4.12	6.00	
Pig & Sow Feed	18.75	17.00	3.87	3.50	6.59	9.50	
42% Poultry Concentrate	41.38	42.00	3.81	2.00	4.86	4.50	
Western Feed Company Wilkes-Barre, Pa.							
Breeding or Conditioning Feed	14.06	10.00	2.35	2.50	3.21	5.00	
Breeding or Conditioning Feed	12.19	10.00	2.39	2.50	2.78	5.00	
Economy Feed	12.25	10.00	2.37	2.50	3.15	5.00	
#Wild Bird Food	10.94	10.00	*3.28	5.00	3.65	6.00	
Western Pennsylvania Fur Farmers Coop. Ass'n. Ebensburg, Pa.							
Mink Feed	14.66	12.00	5.16	4.00	1.07	2.00	
Westford Milling Company, Inc. Westford, Pa.							
Master Made All Mash Layer	18.13	17.00	4.96	4.00	2.93	3.50	
#Master Made All Mash Layer	17.81	17.00	4.94	4.00	2.65	3.50	
16% Milk Producer	18.75	16.00	2.71	1.50	7.80	10.00	
#16% Milk Producer	16.88	16.00	2.87	1.50	8.45	10.00	
Wesco Pig & Hog Feed	16.88	16.00	3.50	2.50	4.74	5.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Westmoreland Farm Bureau Coop. Ass'n. Greensburg, Pa.							
Coarse Scratch	10.63	9.00	2.80	2.00	3.25	4.00	
Corn & Oat Chop	10.81	9.00	3.24	3.50	5.00	8.00	
Corn & Oat Chop	10.94	9.00	3.48	3.50	6.54	8.00	
Corn & Oat Chop	11.44	9.00	4.37	3.50	4.88	8.00	
Corn & Oat Chop	10.75	9.00	4.32	3.50	6.89	8.00	
Pig & Hog Feed	16.56	14.00	3.39	3.00	5.16	7.00	
Pig & Hog Feed	17.31	14.00	3.51	3.00	5.94	7.00	
Pig & Hog Feed	15.63	14.00	3.23	3.00	5.64	7.00	
Pig & Hog Feed	14.88	14.00	3.30	3.00	5.66	7.00	
Pig & Hog Feed	16.50	14.00	3.62	3.00	5.39	7.00	
Pig & Hog Feed	17.88	14.00	3.54	3.00	4.88	7.00	
Pig & Hog Feed	19.69	14.00	3.64	3.00	8.20	7.00	
Super Scratch	10.00	9.00	3.06	2.00	2.02	3.00	
Whitebread Brothers West Nanticoke, Pa.							
Check-R-Mix Laying Mash	17.19	18.00	4.09	3.00	6.65	8.00	
Dog Food	25.31	24.00	4.84	3.00	5.03	7.00	
Hog Grower	14.19	12.00	3.46	2.50	7.48	8.00	
Horse Feed	10.95	8.50	2.95	2.50	4.91	10.00	
Whitebread's Mill Wapwallopen, Pa.							
Complete Laying Mash	17.81	16.00	3.60	3.50	4.65	6.00	
18% Dairy Feed	20.63	18.00	3.12	2.00	11.19	11.00	
18% Dairy Feed	20.06	18.00	3.57	2.00	11.36	11.00	
Whiteside & Weicksel Oxford, Pa.							
Check-R-Mix Hog Finisher No. 2	13.50	12.00	3.58	2.50	3.33	6.00	
Check-R-Mix Sow Feed	14.69	14.00	3.50	2.50	4.15	6.00	
Whitmoyer Laboratories, Inc. Myerstown, Pa.							
#Arsanilic Acid 50							+
60% Fish	63.00	60.00	8.19	7.00	0.70	3.00	
Flav-A-Dee	41.06	38.00	11.89	8.00	5.15	5.00	
Whitmoyer's, Swatara Creek Mills Myerstown, Pa.							
16% All Mash Layer	17.81	16.00	3.01	3.00	3.35	4.50	
Calf Starter	19.38	18.00	3.72	3.00	5.54	7.00	
Hog Feed	16.25	15.00	3.19	2.50	6.04	6.00	
32% Milk Popper	34.81	32.00	2.72	1.50	6.10	7.00	
The Whitney Seed Company, Inc. Buffalo, N. Y.							
Wild Bird Seed Mixture	12.56	11.00	3.76	3.50	6.21	7.00	
George Wiedemann Brewing Company Newport, Ky.							
Brewers Dried Grains	31.88	26.00	6.41	5.00	14.41	15.00	
Brewers Dried Grains	33.75	26.00	7.20	5.00	15.49	15.00	
Wild Bird Conservation Brooklyn, N. Y. 11221							
#Wild Bird Feed	13.00	10.00	5.29	5.00	8.41	10.00	
The Williams Brothers Company Kent, Ohio							
Ohio Wheat Bran	14.69	13.00	3.14	3.00	10.21	12.00	
Ohio Wheat Bran	15.31	13.00	3.12	3.00	9.44	12.00	
Garfield Williamson, Inc. Jersey City, N. J.							
Winter Life Food for Out-Door Birds	13.13	11.00	7.42	5.00	9.58	9.00	
Winter Life Food for Out-Door Birds	11.88	11.00	5.53	5.00	8.55	9.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
C. S. Willis & Sons Lemoyne, Pa.							
Laying Mash	17.31	17.00	3.91	2.50	6.55	10.00	
Starter & Grower	16.25	17.00	4.16	2.50	7.07	10.00	
Wilson's Corn Products, Inc. Rochester, Ind.							
Hominy Feed	10.63	9.50	6.59	6.50	5.40	6.00	
Wineka Feed Service Red Lion, Pa.							
Master Made Hi-Calory All Mash	16.88	17.00	4.83	4.00	2.54	3.50	
Super Hog Feed	16.06	16.00	3.80	3.00	4.85	8.00	
Wineland Milling Company New Freedom and Claysburg, Pa.							
Corn & Oats Chop	10.00	9.00	3.38	2.50	4.61	12.00	
Mixed Grains for Poultry	11.19	9.00	2.83	2.50	2.72	6.00	
Pig & Hog Meal	14.38	13.00	3.47	3.00	7.30	8.00	
Superior 20% Egg Mash Medicated	17.00	20.00	3.71	3.50	5.45	6.00	1
Superior 20% Egg Mash Medicated	18.75	20.00	3.29	3.50	5.20	6.00	+
Superior Hi-Energy Starter & Grower Mash Medicated	18.56	18.00	4.08	3.50	6.26	6.50	+
Superior Hog Grower	15.50	14.00	3.68	3.00	7.26	6.00	
Superior Horse Feed	9.75	10.00	3.07	3.00	6.65	11.00	
Superior Horse Feed	9.73	10.00	2.84	3.00	7.67	11.00	
Wirthmore Feeds, Inc. Waltham, Mass.							
Baby Chick Scratch 463A	10.13	9.00	2.45	2.50	2.00	4.00	
32% Beef Concentrate - Ruminants Only	*27.50	32.00	3.19	2.00	8.61	10.00	
Chick Starter 106 A Medicated	20.94	20.00	4.38	4.00	3.99	4.50	+
Coccidiosis Treatment Ration-421A	22.81	22.00	5.73	5.50	3.78	4.00	+
Complete Growing Ration	15.63	15.00	4.22	3.00	5.23	6.00	
Custom 16 Dairy Feed	18.88	16.00	3.03	3.00	8.55	9.00	
Custom 16 Dairy Feed	18.75	16.00	3.21	3.00	8.84	9.00	
32 Dairy Concentrate	34.63	32.00	2.80	2.00	8.42	10.00	
32 Dairy Concentrate	33.44	32.00	3.06	2.00	8.35	10.00	
32 Dairy Concentrate	32.19	32.00	2.69	2.00	8.86	10.00	
32 Dairy Concentrate	36.00	32.00	2.45	2.00	9.00	10.00	
32 Dairy Concentrate	33.63	32.00	2.52	2.00	8.65	10.00	
32 Dairy Supplement	34.38	32.00	2.28	2.00	6.88	9.00	
32 Dairy Concentrate	36.88	32.00	2.86	2.00	8.09	10.00	
44% Dairy Mixing Feed	46.88	44.00	2.25	1.50	6.25	10.00	
#Dog Food Meal	28.44	25.00	8.37	9.00	1.97	4.00	
#Emergency 16% Dairy Feed	15.69	16.00	*3.14	4.00	7.40	9.00	
Emergency 16% Dairy Feed	15.75	16.00	*3.31	4.00	8.13	9.00	
Grow & Egg Mash	20.94	20.00	4.02	4.00	4.73	4.50	
Grow & Egg Mash	20.94	20.00	4.13	4.00	4.64	4.50	
Grow & Egg Mash	21.94	20.00	4.45	4.00	4.55	4.50	
Grow & Egg Mash Medicated	19.69	20.00	3.85	4.00	4.55	4.50	10
16 Hi-Cal Pellets Dairy Feed	17.50	16.00	3.75	3.50	8.09	8.50	
16 Hi-Cal Pellets Dairy Feed	17.00	16.00	4.06	3.50	8.72	8.50	
18 Hi-Cal Pellets Dairy Feed	19.06	18.00	4.39	3.50	7.79	8.50	
Hi-Cal Roaster Finisher 178A Medicated	19.69	18.50	6.24	5.00	3.25	3.50	+
Hi-Ener-G 16	17.50	16.00	4.01	4.00	3.64	4.00	
Hi-Ener-G 16 Layer Medicated	17.50	16.00	3.86	4.00	3.45	4.00	+
Hi-Ener-G 16 Layer Medicated	15.94	16.00	5.23	4.00	2.79	4.00	+
Hi-Ener-G 17 Layer Medicated	19.06	17.00	4.28	4.00	3.24	4.00	+
Hi-Ener-G 17 Layer Medicated	19.06	17.00	5.07	4.00	2.72	4.00	+
Hi-Ener-G 17 Layer Medicated	18.44	17.00	5.42	4.00	2.44	4.00	+
Hog Grower	15.94	14.00	4.53	3.50	4.85	6.00	
Hog Grower	18.56	14.00	4.09	3.50	4.89	6.00	
40% Hog Supplement	39.06	40.00	1.97	1.00	3.93	8.00	
Horse Feed	11.50	10.00	2.86	3.00	4.67	9.00	
Horse Feed	12.71	10.00	*2.10	3.00	5.26	9.00	
Milk Mizer	26.88	25.00	9.20	10.00	1.04	1.50	
30% Mixing Feed	34.06	30.00	2.88	1.50	8.57	15.00	
New Hope Complete Horse Feed	12.42	12.50	2.73	2.00	8.29	12.00	
New Hope Complete Horse Feed	17.05	12.50	2.13	2.00	6.48	12.00	
O.P.M. Scratch	9.06	9.00	2.69	3.00	1.46	5.00	
Pig Starter Medicated	22.00	18.00	5.45	3.00	3.02	4.00	+
Pig Starter 711A Medicated	20.94	18.00	4.33	3.00	3.09	4.00	25
32% Poultry Concentrate	35.44	36.00	5.43	3.50	3.94	4.00	
36% Poultry Concentrate	38.38	36.00	5.02	3.50	3.69	4.00	
36% Poultry Concentrate	36.06	36.00	4.30	3.50	3.22	4.00	
36% Poultry Concentrate	34.69	36.00	4.44	3.50	3.88	4.00	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Wirthmore Feeds, Inc. - Continued							
16 Pro-Cal Dairy Feed	18.06	16.00	3.14	3.00	11.96	12.00	
16 Pro-Cal Dairy Feed	18.13	16.00	2.84	3.00	12.66	12.00	
16 Pro-Cal Dairy Feed 538A	18.04	16.00	3.33	3.00	9.87	12.00	
Rabbit Pellets	16.88	15.00	3.73	2.50	14.09	15.00	
Rabbit Pellets 832A Medicated	17.00	15.00	3.85	2.50	14.62	15.00	+
16 Record Dairy Feed	17.21	16.00	3.31	3.50	7.43	9.00	
Record 32 Dairy Supplement	33.44	32.00	2.45	2.00	7.25	9.00	
Record 32 Dairy Supplement	32.19	32.00	2.86	2.00	7.57	9.00	
Record 32 Dairy Supplement 563A	34.06	32.00	2.22	2.00	7.55	9.00	
#14 Record Fitting & Calving Feed	16.27	14.00	3.29	3.50	8.35	8.50	
#14 Record Fitting & Calving Feed	15.44	14.00	3.28	3.50	7.14	8.50	
14 Record Fitting & Calving Feed	17.06	14.00	3.27	3.50	8.45	8.50	
Twin-Mix Calf Feed	16.60	18.00	*2.13	3.00	5.29	6.00	
Twin-Mix Calf & Foal Feed	20.00	18.00	3.07	3.00	5.75	6.00	
16 Ultra-Cal Pellets	16.47	16.00	4.32	5.00	5.21	6.00	
Wise Potato Chip Company Berwick, Pa.							
Potato Chip Crumbs	9.38	4.00	17.81	12.00	1.87	4.00	
Calvin M. Witmer Selinsgrove, Pa.							
Check-R-Mix Hog Finisher	13.44	12.00	2.76	2.50	3.16	6.00	
Check-R-Mix Hog Finisher #2 (D)	13.44	12.00	2.75	2.50	4.48	6.00	
Check-R-Mix Laying Mash LK	22.25	22.00	3.83	3.50	4.87	6.00	
Check-R-Mix Laying Mash LK	21.56	22.00	3.92	3.50	6.01	6.00	
Check-R-Mix Sow Feed D	15.00	14.00	3.05	2.50	5.04	6.00	
Check-R-Mix Sow Feed D	15.00	14.00	3.02	2.50	5.68	6.00	
Wolgemuth Brothers, Inc. Mount Joy, Pa.							
Chick Starter Medicated	21.69	20.00	4.11	4.00	3.47	4.50	+
Chick Starter Medicated	21.88	20.00	4.18	4.00	3.30	4.50	+
Chick Starter Medicated	20.94	20.00	4.72	4.00	3.87	4.50	+
24% Dairy Ration	26.44	24.00	3.44	2.00	6.17	10.00	
32% Dairy Supplement	32.81	32.00	2.05	1.00	*10.75	7.00	
Gro-All Medicated	15.69	16.00	3.38	3.00	4.59	6.00	+
La-Mor Medicated	17.88	16.00	4.53	4.00	2.68	3.50	+
Wood's Farm Supply Athens, Pa.							
#Check-R-Mix 16% Dairy Feed	18.44	16.00	4.04	2.50	6.08	7.00	
C. E. Woolever Catawissa, Pa.							
16% Dairy Feed	18.13	16.00	3.66	2.50	7.50	9.00	
40% Hog Ringer Concentrate Medicated	40.75	40.00	4.68	3.00	6.19	6.50	+
Master Made All Mash Pullet Developer	15.06	14.50	3.69	3.50	4.28	5.50	
Master Made All Mash Pullet Grower Medicated	17.63	16.50	3.53	3.50	4.97	6.00	15a
Master Made All Mash Pullet Grower Medicated	18.44	16.50	4.17	3.50	5.36	6.00	+
Master Made All Mash Pullet Grower Medicated	18.13	16.50	3.50	3.50	4.64	6.00	+
Master Made Hi-Calorie All Mash Layer	15.94	16.50	4.34	4.00	2.69	3.50	
Master Made Pullet Grower Medicated	19.38	18.00	3.59	3.50	5.93	7.00	15a
Master Made Pullet Grower Medicated	19.06	18.00	3.76	3.50	5.63	7.00	15a
Master Made Pullet Grower Medicated	19.50	18.00	3.89	3.50	7.06	7.00	+
Master Mix Chick Starter Medicated	21.88	21.00	3.50	3.50	5.02	5.00	+
Pig Feed	16.56	14.00	2.97	3.00	5.91	8.00	
Pig Feed	17.38	14.00	3.39	3.00	5.73	8.00	
Work Farm Supply Uniontown, Pa.							
Corn & Oats Chop	10.63	8.00	4.41	3.00	5.15	8.00	
16% Dairy Feed	17.87	16.00	2.47	2.50	6.76	11.00	
Horse Feed	10.30	10.00	2.68	3.00	4.82	10.00	
Laying Mash	18.75	18.00	3.26	2.50	4.98	7.00	
Wright Milling Company Claysburg, Pa.							
Complete Feed	16.88	15.00	3.57	3.00	5.10	7.00	
Egg Breeder Mash Medicated	20.63	20.00	4.14	2.50	4.25	6.50	+
Egg Mash Medicated	21.38	20.00	4.05	2.50	5.10	6.50	+
Horse & Calf Feed	11.34	10.00	2.69	2.00	5.68	9.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Wright Milling Company - Continued							
40% Mixing Supplement	41.75	40.00	2.14	0.50	8.91	9.00	
Pig & Hog Supplement	35.63	35.00	2.83	1.50	8.46	8.50	
Pig Starter Medicated	19.38	17.00	2.97	2.50	4.50	6.50	+
Pork Maker Medicated	15.63	14.00	3.37	2.50	4.79	9.50	+
Poultry Ration Medicated	16.88	16.00	4.13	3.50	3.63	5.50	+
Poultry Ration Medicated	16.88	16.00	4.21	3.50	3.99	5.50	+
Xtra Factors, Inc. Ephrata, Pa.							
Cage Layer	37.63	28.00	2.75	2.00	6.82	7.00	
Hi-Flo Dairy	23.38	7.00	3.35	1.50	13.06	18.00	
Hi-Flo Dairy	24.75	10.00	3.23	1.50	14.22	16.00	
Poultry	25.63	20.00	5.67	2.00	8.41	10.00	
Poultry	25.63	20.00	3.93	2.00	8.31	10.00	
Yieldmor Feeds, Inc. Piqua, Ohio							
#Pullet Developer Crumbles C-46	16.06	14.00	4.24	3.25	4.27	5.50	
#17% Roaster Finisher Pellets Medicated	17.50	17.00	7.27	6.50	2.56	3.50	+
24% Super Broiler Crumbles Medicated	24.25	24.00	7.24	7.50	3.73	4.00	+
Super Finisher Pellets Medicated (F-11)	22.63	20.00	8.73	7.50	2.21	3.50	+
Super Finisher Pellets Medicated (F-11)	21.56	20.00	9.43	7.50	2.68	3.50	+
Yocum's Farm Supply Allenwood, Pa.							
50% Dairy Mixer - Ruminants Only	51.80	50.00	2.17	2.00	6.58	9.00	
Grower Layer Concentrate	36.56	36.00	5.07	3.50	6.17	8.00	
York Flour Mills, Inc. York, Pa.							
Wheat Bran	15.31	13.00	2.92	2.50	10.39	12.00	
Wheat Bran	15.31	13.00	2.74	2.50	11.13	12.00	
Wheat Flour Middlings	17.19	13.00	4.87	2.50	5.24	9.00	
F. S. Yost's Son Pleasant Valley, Pa.							
32% Dairy Concentrate	33.44	32.00	2.24	1.50	7.23	9.00	
Pig Feed	19.50	16.00	3.76	4.00	6.76	8.00	
Zartman's Roller Mills Lititz, Pa.							
Winter Wheat Bran	15.06	14.00	*2.61	4.00	6.03	11.00	
Winter Wheat Bran	15.00	14.00	2.62	4.00	6.86	11.00	
Winter Wheat Middlings	15.31	14.00	3.62	4.00	2.96	8.00	
Meyer Zausner, Inc. New Holland, Pa.							
#Condensed Whole Whey	8.09	8.00	0.72	0.50	0.23	---	
Zechman's Flour Mills, Inc. Potts Grove, Pa.							
Check-R-Mix Laying Mash	18.75	18.00	4.13	3.00	4.75	7.00	
Pork Producer	17.06	15.00	3.72	3.00	6.01	7.00	
Wheat Bran	15.00	14.00	3.29	3.00	8.55	10.00	
Wheat Middlings w/Ground Wheat Screenings	15.00	15.00	4.31	4.00	3.99	7.00	
Wheat Middlings w/Ground Wheat Screenings	14.63	15.00	3.53	4.00	4.83	7.00	
Wheat Middlings w/Ground Wheat Screenings	16.81	15.00	4.36	4.00	4.61	7.00	
Paul W. Zeger Greencastle, Pa.							
All-Mash Layer	17.31	16.00	3.33	3.00	3.26	5.00	
Hog Finisher	15.00	12.00	2.32	2.50	4.03	6.00	
Zeigler Brothers Feed Mills, Inc. Gardners, Pa.							
All Mash Laying Ration	14.88	15.50	4.52	5.00	3.41	3.20	
32% Dairy Concentrate	31.88	32.00	4.10	3.50	6.38	6.80	
44% Dairy Concentrate	45.75	44.00	3.03	3.00	3.39	4.00	
44% Dairy Concentrate	43.75	44.00	*2.03	3.00	3.92	4.00	
Hog Feed	15.00	13.00	5.50	3.50	*6.74	5.50	

MANUFACTURER AND BRAND	PROTEIN F	PROTEIN G	FAT F	FAT G	FIBER F	FIBER G	NOTES
Zellers Laboratories Reading, Pa.							
Residual Dried Brewery Yeast	*37.63	41.00	1.52	0.50	5.33	5.00	
Residual Dried Brewery Yeast	*37.63	41.00	1.80	0.50	*6.40	5.00	
Residual Dried Brewery Yeast	41.25	41.00	0.71	0.50	1.60	5.00	
Zimmers' Feed Mill, Inc. Boyertown, Pa.							
Complete Rabbit Pellets	18.50	16.00	3.79	3.00	11.74	15.00	
F. F. A. Starter & Grower	20.94	18.00	3.21	3.50	5.70	6.50	
Fitting Ration	13.99	13.00	*2.05	2.50	8.30	8.50	
Fitting Ration	13.64	13.00	2.08	2.50	6.50	8.50	
Hog Feed	15.75	15.50	3.45	3.50	4.78	6.00	
Pigeon Pellets	15.94	15.00	3.37	3.00	4.24	5.00	
Special Pigeon Feed	12.06	11.50	2.38	2.50	2.31	4.00	
M. Simon Zook Honey Brook, Pa.							
	Brix		Invert Sugar				
Feed Cane Molasses	79.70°	79.50°	49.00%	48.00%			
Zook's Flour Mills Leola, Pa.							
Winter Wheat Bran	15.44	15.00	3.36	3.00	11.01	12.00	
Winter Wheat Middlings	15.31	15.00	3.19	3.00	5.71	8.00	
Zortman Flour & Feed Company Edinboro, Pa.							
16% Dairy Feed	19.69	16.00	2.60	2.00	7.93	10.00	
16% Dairy Feed	14.69	16.00	2.98	2.00	9.09	10.00	
20% Dairy Feed	21.25	20.00	2.11	1.50	8.35	10.50	
20% Dairy Feed	19.38	20.00	2.29	1.50	7.97	10.50	
Hog Feed	15.63	15.00	2.98	2.50	6.23	8.00	
Hog Feed	15.50	15.00	2.75	2.50	5.98	8.00	
#Laying Mash	22.81	20.00	4.23	4.00	5.76	7.00	
Laying Mash	19.06	20.00	4.86	4.00	5.61	7.00	
John L. Zug & Son, Inc. Richland, Pa.							
Check-R-Mix Hog Finisher #1 Medicated	15.31	14.00	2.52	2.50	4.23	6.00	+

MANUFACTURER AND BRAND	MAX. CALCIUM F	MAX. CALCIUM G	MIN. PHOSPHORUS F	MIN. PHOSPHORUS G	MAX. SALT F	MAX. SALT G	NOTES
Agway, Inc. Feed Division Buffalo, N. Y. 14240							
Dairy Minerals	15.50	17.00	4.52	5.00	51.51	51.00	
Dairy Minerals	15.93	17.00	4.65	5.00	50.89	51.00	
Fortimin CPT	26.23	28.00	12.76	13.00			
Fortimin CPT	26.48	28.00	12.02	13.00			
Anvil Mineral Products Corporation Bay Springs, Miss.							
Iron Trace Element	1.20	1.00					
H. J. Baker & Brothers, Inc. New York 17, N. Y.							
Cura-Phos	36.44	36.00	14.84	14.00			
Barker, Moore & Mein Company, Inc. Lebanon, Pa.							
Bar-Min No. 1	37.44	30.00	4.12	4.00			
Berks Farm Bureau Cooperative Assn. Temple, Pa.							
Vita-Minerals	23.72	24.00	16.87	17.00			
Buckeye Feed Mills, Inc. Dalton, Ohio							
Mineral Feed	26.15	25.00	4.05	4.00	12.00	12.00	
Central Soya McMillen Feed Division Fort Wayne, Ind.							
#Master Mix Mineral	26.48	26.50	6.10	6.00	22.86	23.00	
Cooperative Feed Dealers, Inc. Chenango Bridge, N. Y.							
#Livestock Mineral	25.72	29.00	9.46	9.00	9.93	10.00	
Cooperative Mills, Inc. Baltimore 30, Md.							
Mineral Supplement 10	26.15	26.00	10.95	10.00	22.03	22.00	
Mineral Supplement 10	26.48	26.00	10.83	10.00	21.52	22.00	
Diamond Crystal Salt Company St. Clair, Mich.							
Champion Choice Trace Mineral Salt Medicated					97.96	99.00	
John W. Eshelman & Sons Lancaster, Pa.							
Red Rose Livestock Mineral	28.80	30.00	3.50	4.00	18.50	18.00	
General Foods Corporation Kankakee, Ill. 60901							
Gaines Vigor-Min	1.82	2.08	1.12	0.90	3.58	4.00	
Clem E. Hoober Intercourse, Pa.							
Livestock Mineral	23.87	24.00	*6.62	9.00	8.60	8.50	
International Minerals & Chemical Corp. Skokie, Ill.							
Dicalcium Phosphate	24.08	26.00	18.93	18.50			
	Minimum						
Dyna-Fos (Dicalcium Phosphate)	20.79	20.00	17.87	18.50			
Dyna-Fos (Dicalcium Phosphate)	20.79	20.00	18.86	18.50			
Dyna-Fos (Dicalcium Phosphate)	17.43	20.00	17.46	18.50			

MANUFACTURER AND BRAND	MAX. CALCIUM F	MAX. CALCIUM G	MIN. PHOSPHORUS F	MIN. PHOSPHORUS G	MAX. SALT F	MAX. SALT G	NOTES
International Salt Company Clarks Summit, Pa.							
Sterling Supermix Blusalt					97.77	98.00	
E. H. Keen & Son Parkesburg, Pa.							
Multi-Vi-Min	21.01	23.00	6.00	5.00	9.86	10.00	
The Kellogg Company Ocala, Fla. 32670							
#Kell-Phos Soft Rock Phosphate	16.79	18.00	9.52	9.00			
Limestone Products Corporation of America Newton, N. J.							
	Minimum						
Limecrest 0853-A.F. Calcite	32.65	33.00					
Limecrest 0853-A.F. Calcite	34.94	33.00					
Limecrest 0853-A.F. Calcite	33.73	33.00					
Limecrest Calcite Flour	35.94	33.00					
Mico Minerals	34.73	31.00					
Mar-Gro Manufacturing & Supply Company Lancaster, Pa.							
Beef Stock Food Supplement	14.15	14.00	9.52	10.00			
"Dutch Bell" Stock Food Supplement	13.00	12.00	9.09	9.00			
Hi-Phos w/Trace Minerals	25.30	25.00	17.82	17.00			
Livestock Vitamin & Mixing Mineral	34.84	35.00	4.63	4.00			
	Minimum						
Better Beef Stock Food Supplement	14.20	16.00	*9.54	11.00			
Midland-Western, Inc. Reading, Pa.							
All Purpose Mineral No. 4	28.00	30.00	3.88	4.00	8.13	8.00	
All Purpose Mineral No. 5	28.00	30.00	4.52	5.00	7.73	8.00	
Super Phos - 12	22.92	23.00	12.72	12.00			
Traco Mineral	33.59	35.00					
Traco Phos	18.64	23.00	11.23	10.00			
Nu Feeds, Inc. South Montrose, Pa.							
Mineral Mix	32.23	34.00	8.67	8.00			
Reading Poultry Food Company Reading, Pa.							
Special Steamed Bone Meal w/Precipitate Bone Phosphate	21.64	30.00	13.01	11.00			
Special Steamed Bone Meal w/Precipitate Bone Phosphate	23.14	30.00	11.73	11.00			
	Minimum						
Di-Kal-Foss	28.15	27.00	14.75	17.00			
Di-Kal-Foss	29.01	27.00	*12.25	17.00			
Sea Board Supply Company Philadelphia, Pa.							
Fos-Sup	28.94	33.00	12.56	12.00			
General Purpose Mineral Feed A	25.08	30.00	5.27	5.00	10.89	11.00	
General Purpose Mineral Feed A	27.08	30.00	5.63	5.00	10.98	11.00	
General Purpose Mineral Feed A	26.71	30.00	5.66	5.00	10.67	11.00	
General Purpose Mineral Feed A	26.71	30.00	5.36	5.00	11.07	11.00	
General Purpose Mineral Feed B	33.16	35.00	4.67	4.00			
Hi-Anise Mineral B	31.50	35.00	3.58	4.00			
Hi-Anise Mineral B	30.70	35.00	4.01	4.00			
Hi-Fos Mineral Base	31.37	31.00	17.36	17.25			
Hi-Fos Mineral Base	31.44	31.00	17.31	17.25			
#Mineral Base A	25.90	28.00	10.19	10.00			
Mineral Base A	26.58	28.00	10.49	10.00			
Mineral Base A	26.37	28.00	10.41	10.00			
Mineral Base 14	30.15	33.00	14.20	14.00			
Mobil-Mix A	13.29	12.00	5.13	5.00			
Mobil-Mix C	18.29	19.00	4.53	4.00	50.89	51.00	
Trace Mineral Salt					96.93	97.00	

MANUFACTURER AND BRAND	MAX. CALCIUM F	MAX. CALCIUM G	MIN. PHOSPHORUS F	MIN. PHOSPHORUS G	MAX. SALT F	MAX. SALT G	NOTES
M. L. Shoemaker Company Division of Wilson & Company, Inc. Philadelphia 34, Pa.							
	Minimum						
Feeding Bone Meal	28.37	26.50	13.61	12.00			
Stauffer Chemical Company Victor Chemical Division New York, N. Y.							
	Minimum						
#Dicalcium Phosphate	25.03	23.00	*16.97	18.50			
#Sweet P Feed Grade Phosphate of Soda			20.69	25.00			
Vigortone Products, Inc. Cedar Rapids, Iowa 52406							
New Dairy Special No. 30XX	24.94	26.50	6.54	7.00	3.52	3.50	
Warner Company Philadelphia, Pa.							
	Minimum						
Bell Mine Limestone Pulverized	38.59	38.40					
Bell Mine Limestone Pulverized	39.02	38.40					
Young's Vitamin & Mineral Products Co. Roaring Spring, Pa.							
Vit-Y-Min Breed'R-Mix	16.03	20.00	14.89	15.00			
Vit-Y-Min Dair-Y-Choice	16.52	16.00	11.98	12.00			
Vit-Y-Min Dair-Y-Choice	16.50	16.00	11.98	12.00			
Vit-Y-Min Dair-Y-Choice	15.94	16.00	11.54	12.00			
Vit-Y-Min Dair-Y-Duo	22.95	24.00	16.75	16.50			
Vit-Y-Min Dair-Y-Mix	23.73	23.00	18.05	17.00			
Vit-Y-Min Dair-Y-Mix	23.08	23.00	17.10	17.00			
Vit-Y-Min Dair-Y-Mix	22.79	23.00	16.66	17.00			
Vit-Y-Min Dair-Y-Phos			21.15	22.00			
Vit-Y-Min Dair-Y-Tone	17.12	17.00	12.39	12.00			
Vit-Y-Min Dair-Y-Tone	18.51	17.00	13.35	12.00			
Vit-Y-Min Pig Mix	15.88	22.00	14.48	13.00			
Vit-Y-Min Pig Mix	20.29	19.00	14.68	14.00			
Vit-Y-Min Poultr-Y-Mix	22.95	22.00	15.75	15.00			
Vit-Y-Min Poultr-Y-Mix	22.08	22.00	16.48	15.00			
Vit-Y-Min Stable Mate	18.29	17.00	13.15	12.00			

OFFICIAL FERTILIZER TOLERANCES

Total Nitrogen		Available Phosphoric Acid		Soluble Potash	
Guarantee	Tolerance	Guarantee	Tolerance	Guarantee	Tolerance
2%	.20%	up to 10%	.40%	2%	.20%
3	.25	10-25	.50	3	.30
4	.35	over 25	.75	4	.40
5-8	.40			5-8	.50
8-30	.50			8-20	.60
over 30	.75			over 20	1.00

COMMERCIAL FERTILIZER ANALYSES

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KEY

F - Found to be present.

G - Guaranteed to be present.

* - Deficient.

- Not registered when sampled.

Note: When the brand name is incomplete refer to the manufacturer immediately above.

COMMERCIAL FERTILIZER

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Agway, Inc. Syracuse, New York				
Run-O-Pile Superphosphate 19%			20.49	
Superphosphate 20%			19.55	
Superphosphate 20%			20.30	
Superphosphate 20%			19.85	
Superphosphate 20%			19.97	
Superphosphate 20%			19.85	
Superphosphate 20%			19.62	
GLF Superphosphate 20%			19.92	
Phos 0-20-0			19.62	
0-15-30			14.88	32.60
0-15-30 w/B			16.09	29.90
0-15-30 w/B			15.14	31.17
0-15-30 w/B			15.01	32.27
0-15-30 w/B			15.61	30.24
0-15-30 w/B			14.60	30.09
0-15-30 w/B			14.51	32.65
0-15-30 w/B			15.45	31.48
E. S. 0-15-30 w/B			15.63	31.53
Free Flow 0-15-30			*13.98	32.29
Free Flow 0-15-30			18.38	*22.04
Free Flow 0-15-30 w/B			15.40	31.09
Free Flow 0-15-30 w/B			14.98	31.71
GLF Super 0-15-30 w/B			*13.65	29.65
GLF Super 0-15-30 w/B			16.83	*25.15
GLF Super 0-15-30 w/B			15.79	*29.12
GLF Super 0-15-30 w/B			19.11	*22.75
Free Flow 0-20-20			20.07	*18.99
Free Flow 0-20-20 w/B			20.89	19.00
GLF Free Flow Super 0-20-20			19.39	21.02
GLF Free Flow Super 0-20-20			*17.34	24.59
GLF Free Flow Super 0-20-20			*17.26	23.98
GLF Free Flow Super 0-20-20			20.59	*15.66
Super 0-20-20			19.75	21.29
Super 0-20-20			19.99	*18.46
0-25-25			25.58	25.01
0-25-25			24.10	27.03
0-25-25			26.16	25.05
0-25-25			25.72	26.64
0-25-25			26.06	25.82
0-25-25			24.84	25.66
0-25-25			25.46	26.13
Free Flow 0-25-25			*23.90	27.83
Free Flow 0-25-25			25.70	26.25
Free Flow 0-25-25			24.76	27.37
Free Flow 0-25-25			26.04	26.20
Free Flow 0-25-25			24.14	26.79
Free Flow 0-25-25			24.78	27.40
Free Flow 0-25-25			*23.74	28.57
Free Flow 0-25-25			27.22	23.87
Free Flow 0-25-25			23.68	28.35
Free Flow 0-25-25			25.82	25.26
Free Flow 0-25-25			25.74	25.34
Free Flow 0-25-25			25.22	26.63
GLF 5-10-5	4.70		10.10	5.20
5-10-10	5.30		10.34	10.59
5-10-10	4.85		10.05	*9.36
5-10-10	4.70		10.09	10.62
5-10-10	5.15		10.48	11.75
5-10-10	5.65		10.26	10.83
5-10-10	5.35		10.07	10.14
5-10-10	5.25		9.26	10.60
5-10-10	5.35		*8.99	10.88
5-10-10	4.78		*9.23	11.34
5-10-10	5.55		11.06	10.71
5-10-10	5.25		10.38	9.27
5-10-10	5.20		10.41	*9.28
5-10-10	5.05		9.81	10.38
5-10-10	5.20		10.49	10.22
5-10-10	5.10		9.74	10.32
Garden 5-10-10	5.15		*9.17	10.51
Garden 5-10-10	5.05		9.86	10.35
GLF Super 5-10-10	5.15		10.08	10.36
Super 5-10-10	4.65		12.23	11.55
5-20-20	5.08		19.31	20.65
Free Flow 5-20-20	5.05		19.39	20.99
Free Flow 5-20-20	4.65		19.14	22.63
Free Flow 5-20-20	5.30		20.05	19.22
Free Flow 5-20-20	5.95		20.77	*17.41
Free Flow 5-20-20	5.01		19.61	20.73
Free Flow 5-20-20	5.10		19.46	20.50
Free Flow 5-20-20	5.48		18.85	19.70

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Agway, Inc. - Continued				
Free Flow 5-20-20	5.20		18.21	20.71
Free Flow 5-20-20	5.65		20.65	*17.24
Free Flow 5-20-20	6.10		20.57	*17.05
GLF Free Flow 5-20-20	5.55		21.86	*14.90
6-18-18	6.50		17.66	19.10
8-16-16	8.10		16.16	15.38
8-16-16	7.60		*15.24	16.38
8-16-16	7.72		16.08	16.39
8-16-16	7.92		16.01	16.31
8-16-16	7.90		16.18	16.38
8-16-16	7.60		15.14	17.75
8-16-16	7.60		16.50	15.40
8-16-16	8.60		15.60	15.85
8-16-16	8.07		*13.99	17.49
8-16-16	8.25		16.19	16.58
8-16-16	7.80		16.25	16.58
8-16-16	8.15		16.09	17.70
8-16-16	8.24		15.55	16.63
8-16-16	8.01		15.78	16.09
Free Flow 8-16-16	7.75		15.89	16.43
Free Flow 8-16-16	8.20		16.42	15.41
Free Flow 8-16-16	7.95		16.04	16.05
Free Flow 8-16-16	8.00		15.79	15.92
Free Flow 8-16-16	7.80		*14.84	17.36
Free Flow 8-16-16	8.38		17.13	*10.83
GLF 8-16-16	7.64		*14.68	18.34
GLF Free Flow 8-16-16 Super	7.65		*15.21	17.19
GLF Free Flow 8-16-16 Super	8.10		16.04	15.83
GLF Ferti Flow Sul-Po-Mag 8-16-16	8.15		16.66	*14.97
Super 8-16-16	7.80		15.56	16.90
8-24-8	8.10		23.60	8.54
8-24-8	8.40		24.84	8.42
8-24-8	7.81		23.78	9.05
Free Flow 8-24-8	7.25		*22.77	8.46
Free Flow 8-24-8	7.65		23.87	8.39
Free Flow 8-24-8	7.70		24.42	7.97
Free Flow 8-24-8	8.05		23.31	9.25
Free Flow 8-24-8	8.05		23.80	8.92
Free Flow 8-24-8	7.70		23.60	9.02
Free Flow 8-24-8	7.80		*22.48	10.74
Free Flow 8-24-8	8.62		*22.35	8.02
GLF Free Flow Super 8-24-8	7.95		23.90	8.29
GLF Free Flow Super 8-24-8	8.41		23.62	9.36
#GLF Super Plant Food 8-24-8	7.90		*22.75	8.18
E. S. Green Lawn 10-5-5	10.85		5.70	5.26
#E. S. Green Lawn w/Dacthal 10-5-5	10.01		5.08	5.15
10-10-10	9.85		10.79	10.49
10-10-10	10.25		10.24	10.78
10-10-10	10.20		9.91	10.89
10-10-10	9.80		11.18	9.51
10-10-10	9.90		10.24	10.72
10-10-10	9.72		9.69	11.79
E. S. 10-10-10	10.35		10.67	10.62
Free Flow 10-10-10	9.85		9.68	10.82
Free Flow 10-10-10	9.80		9.98	10.49
Free Flow 10-10-10	*7.39		11.96	10.63
Free Flow 10-10-10	9.92		10.53	11.06
Free Flow 10-10-10	10.01		10.57	10.45
Free Flow 10-10-10	10.11		*9.42	11.33
Free Flow 10-10-10	10.02		10.97	10.03
Free Flow 10-10-10	9.65		9.75	10.59
Free Flow 10-10-10	10.30		10.82	10.10
Free Flow 10-10-10	*9.00		10.65	9.57
Free Flow 10-10-10	10.00		10.46	10.80
Free Flow 10-10-10	9.40		10.56	9.41
Free Flow 10-10-10	9.70		10.23	11.15
Free Flow 10-10-10	10.01		10.60	9.64
Free Flow 10-10-10	9.80		10.51	10.93
GLF Free Flow Super 10-10-10	9.62		10.42	10.48
#E. S. Super 10-20-10	9.60		19.86	10.55
Ferti Flow 10-20-10	9.75		20.87	9.17
Ferti Flow 10-20-10	9.70		20.72	10.78
Ferti Flow 10-20-10	9.60		19.95	10.87
Ferti Flow 10-20-10	*9.30		19.27	12.15
Ferti Flow 10-20-10	10.35		19.64	9.94
Ferti Flow 10-20-10	9.52		20.96	*9.41
GLF Ferti Flow 10-20-10	9.70		*18.93	11.63
10-20-20	9.55		19.31	20.06
Free Flow 10-20-20	10.90		20.11	20.49
Ferti Flow 10-20-20	9.90		19.32	19.20
Ferti Flow 10-20-20	9.60		20.32	19.31
Ferti Flow 10-20-20	9.85		20.18	19.10

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Agway, Inc. - Continued				
Ferti Flow 10-20-20	9.60		19.93	21.25
Ferti Flow 10-20-20	9.70		20.07	19.69
Ferti Flow 10-20-20	*9.32		19.09	21.08
Ferti Flow 10-20-20	9.60		19.75	20.77
Ferti Flow 10-20-20	9.54		20.98	19.75
Ferti Flow 10-20-20	9.86		20.21	20.82
Ferti Flow 10-20-20	9.55		19.58	21.78
Ferti Flow 10-20-20	9.82		19.65	20.12
Ferti Flow 10-20-20	9.50		19.29	20.58
Ferti Flow 10-20-20	9.51		20.19	19.48
Ferti Flow 10-20-20	9.57		19.86	19.75
Ferti Flow 10-20-20	*9.20		19.53	20.50
Ferti Flow 10-20-20	9.65		19.63	21.96
Ferti Flow 10-20-20	9.75		19.47	20.54
Ferti Flow 10-20-20	9.63		*17.86	21.80
GLF Ferti Flow 10-20-20	10.20		20.14	*18.49
Super 10-20-20	*8.98		*18.72	23.24
12-12-12	11.25		12.64	13.36
Ferti Flow 12-12-12	12.01		11.67	12.47
Ferti Flow 12-12-12	*10.60		13.24	12.30
GLF 12-12-12	11.90		12.69	11.98
GLF Ferti Flow 12-12-12	12.10		12.47	11.25
GLF Ferti Flow 12-12-12	11.60		12.23	12.99
GLF Ferti Flow 12-12-12	*10.65		12.47	12.47
GLF Ferti Flow 12-12-12	11.38		13.33	11.15
#Gro-leaf 14-28-14	13.70		30.26	14.25
15-10-10	*13.75		10.44	10.06
Ferti Flow 15-10-10	14.90		9.88	10.60
Ferti Flow 15-10-10	14.87		10.15	10.10
Ferti Flow 15-10-10	15.00		10.41	9.60
Ferti Flow 15-10-10	14.85		10.10	10.59
Ferti Flow 15-10-10	15.02		9.94	*9.27
Ferti Flow 15-10-10	14.80		10.14	10.37
Ferti Flow 15-10-10	14.55		9.84	11.19
Ferti Flow 15-10-10	14.80		*9.42	10.68
Super Formula 15-10-10	14.55		9.93	10.46
Ferti Flow 15-15-15	14.70		15.55	15.43
Super Formula 15-15-15	14.67		15.88	15.29
GLF Ferti Flow 16-8-8	16.30		8.27	8.24
Ferti Flow 16-8-8	15.60		8.12	8.61
GLF Ferti Flow 16-8-8	15.77		8.07	8.32
GLF Ferti Flow 16-8-8	15.36		7.98	8.53
Diammonium Phosphate 18-46-0	*16.50		45.20	
Prescription Mix 27-6-6	*25.15		12.95	7.69
Ammonium Nitrate 33.50%	34.60			
Ammonium Nitrate 33.50%	34.40			
Ammonium Nitrate 33.50%	32.50			
Ammonium Nitrate 33.50%	33.80			
The American Agricultural Chemical Company New York, New York				
Agri-Phos Superphosphate 20%			20.32	
Agri-Phos Superphosphate 20%			20.64	
Agri-Phos Superphosphate 20%			20.31	
Agri-Phos Superphosphate 20%			20.18	
Agri-Phos Superphosphate 20%			20.28	
AA Phosphate Rock		31.62	5.27	
Agrico Phosphate & Potash 0-15-30			15.76	*28.95
AA 0-20-20			19.84	19.48
AA 0-20-20			20.81	19.20
AA 0-20-20			19.56	20.61
AA 0-20-20			19.75	19.68
AA 0-20-20			19.97	21.14
AA 0-20-20			20.34	20.12
AA 0-20-20			20.74	20.52
AA 0-20-20			24.76	23.78
Agrico Phosphate & Potash 0-20-20			20.66	19.82
Agrico Phosphate & Potash 0-20-20			20.15	19.90
Agrico Phosphate & Potash 0-20-20			19.92	20.36
Agrico Phosphate & Potash 0-20-20			20.16	*19.17
Agrico Phosphate & Potash 0-20-20			19.69	20.05
Agrico Phosphate & Potash 0-20-20			19.26	19.71
Agrico Phosphate & Potash 0-20-20			20.49	19.14
Agrico Phosphate & Potash 0-20-20			*18.11	21.91
Agrico Phosphate & Potash 0-20-20			20.22	20.45
Agrico Phosphate & Potash 0-20-20			22.39	*17.09
Agrico Phosphate & Potash 0-20-20			19.99	20.29
Agrico Phosphate & Potash 0-20-20			20.79	20.07
Agrico Phosphate & Potash 0-20-20			19.67	20.48
Agrico Phosphate & Potash 0-20-20			20.71	*17.63

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
American Agricultural Chemical Co. - Continued				
Agrico Phosphate & Potash 0-20-20			*18.94	*17.85
Agrico Phosphate & Potash 0-25-25			26.28	*23.42
Agrico for Grain 3-12-12	3.00		11.97	12.21
Agrico for Tobacco 4-8-12	4.01		7.68	11.96
Agrico for Tobacco 4-8-16	4.00		8.24	15.77
AA 5-10-5	5.00		9.89	5.10
AA 5-10-5	5.35		10.14	6.05
AA 5-10-5	5.01		9.62	4.76
AA 5-10-5	5.80		10.11	6.02
Homestead Farm Style 5-10-5	5.50		9.69	5.21
Homestead Farm Style 5-10-5	5.06		9.92	5.16
Homestead Farm Style 5-10-5	5.17		10.29	4.79
AA 5-10-10	4.60		9.62	11.23
AA 5-10-10	4.90		10.18	10.08
AA 5-10-10	4.65		9.99	10.73
AA 5-10-10	5.20		10.62	10.32
AA 5-10-10	4.85		10.76	9.42
AA 5-10-10	5.12		10.69	10.59
AA 5-10-10	4.90		10.01	10.41
AA 5-10-10	5.20		10.03	10.30
AA 5-10-10	5.97		10.32	10.57
Agrico for Corn 5-10-10	5.02		10.35	9.86
Agrico for Corn 5-10-10	5.10		10.13	9.72
Agrico for Corn 5-10-10	5.00		10.43	10.25
Agrico for Corn 5-10-10	4.85		10.18	10.55
Agrico for Grain 5-10-10	5.10		10.38	9.95
Agrico for Grain 5-10-10	5.07		10.06	10.26
Agrico for Grain 5-10-10	5.00		9.81	10.26
Agrico for Grain 5-10-10	5.30		10.27	10.64
Agrico for Grain 5-10-10	5.01		10.18	10.03
Agrico for Grain 5-10-10	4.85		9.82	10.16
Agrico for Grain 5-10-10	4.75		10.18	10.57
Agrico for Grain 5-10-10	5.02		9.90	10.02
Agrico for Truck 5-10-10	4.65		9.85	9.82
Agrico for Truck 5-10-10	4.95		10.18	10.23
Agrico for Truck 5-10-10	5.01		9.27	10.62
#Agrico for Truck 5-10-10	5.00		10.17	10.46
#Agrico for Truck 5-10-10	5.60		9.81	10.04
Agrico for Truck 5-10-10	4.92		10.18	9.49
Agrico for Truck 5-10-10	4.74		10.47	10.27
Agrico for Truck 5-10-10	4.85		10.05	10.50
Agrico for Truck 5-10-10	5.45		10.28	*9.24
Agrico for Truck 5-10-10	4.91		9.98	10.83
Agrico for Truck 5-10-15	5.01		9.55	16.29
Agrico for Truck 5-10-15	5.10		9.97	14.99
Agrico for Grain 5-20-10	4.49		20.51	10.10
Agrico for Grain 5-20-10	5.10		19.65	10.68
Agrico for Grain 5-20-10	5.10		19.97	10.63
Agrico for Grain 5-20-10	4.70		20.08	10.65
Agrico for Grain 5-20-10	5.00		20.06	10.49
Agrico for Grain 5-20-10	5.02		19.55	10.50
Agrico for Grain 5-20-10	5.10		20.11	9.64
Agrico for Grain 5-20-10	5.25		19.66	10.00
Agrico for Grain 5-20-10	5.10		*18.83	11.31
AA 5-20-20	4.80		20.74	19.42
AA 5-20-20	5.09		19.26	21.22
Agrico for Grain 5-20-20	5.10		20.41	20.47
Agrico for Grain 5-20-20	5.15		19.41	20.02
#Agrico Country Club 6-10-4	6.10		10.16	4.41
AA 6-24-12	6.00		23.15	13.19
Agrico for Grain 6-24-24	5.65		23.90	23.69
Agrico for Grain 6-24-24	6.35		24.08	23.04
Agrico for Grain 6-24-24	6.50		24.78	*21.11
Agrinite 7-0-0	7.70			
Agrinite 7-0-0	7.01			
#Homestead All Purpose 8-8-8	7.62		9.30	8.34
Homestead All Purpose 8-8-8	7.90		8.81	8.80
AA 8-16-16	8.02		15.16	16.79
AA 8-16-16	7.80		16.13	15.93
AA 8-16-16	7.75		15.85	16.49
AA 8-16-16	7.90		17.32	15.70
AA 8-16-16	7.36		16.21	16.04
AA 8-16-16	7.93		16.15	16.31
AA 8-16-16	8.02		15.94	15.46
AA 8-16-16	7.90		16.64	16.88
AA 8-16-16	8.02		15.52	16.26
Agrico for Truck 8-16-16	8.30		15.54	16.33
Agrico for Truck 8-16-16	7.80		16.20	16.26
Agrico for Corn 8-32-16	8.00		32.08	16.31
Agrico for Corn 8-32-16	7.70		32.56	15.99
Agrico for Grain 8-32-16	7.90		32.22	16.09

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
American Agricultural Chemical Co. - Continued				
Agrico for Grain 8-32-16	8.24		*28.66	*14.98
AA 10-6-4	*9.35		6.00	4.21
AA 10-6-4	9.70		6.20	4.01
AA 10-6-4	9.75		6.41	3.77
Agrico 1,2,3, 10-6-4	10.55		5.88	4.07
Agrico 1,2,3, 10-6-4	9.82		6.43	4.70
Agrico Country Club 10-6-4	10.00		6.10	4.39
Agrico Country Club 10-6-4	9.50		5.81	4.05
Agrico for Grass 10-6-4	10.60		6.25	4.93
Agrico for Lawns, Trees & Shrubs 10-6-4	9.77		7.02	4.39
Agrico Weed Control 10-6-4	9.55		7.60	4.48
Agrico Weed Control 10-6-4	10.10		6.16	4.85
Homestead Farm Style 10-6-4	9.46		6.36	4.19
Homestead Farm Style 10-6-4	*9.18		6.06	4.54
Agrico 10-8-8	9.75		7.62	8.77
AA 10-10-10	10.02		10.00	10.04
AA 10-10-10	9.30		10.29	10.20
AA 10-10-10	10.00		10.29	10.71
AA 10-10-10	10.20		9.82	10.62
AA 10-10-10	10.40		9.84	10.07
Agrico for Topdressing 10-10-10	9.33		10.07	10.43
Agrico for Topdressing 10-10-10	9.90		10.02	10.50
Agrico for Topdressing 10-10-10	*8.84		10.87	9.86
Agrico for Topdressing 10-10-10	9.57		10.34	9.94
Agrico for Topdressing 10-10-10	9.45		10.01	10.48
Agrico for Topdressing 10-10-10	10.10		9.85	10.42
Agrico for Topdressing 10-10-10	10.00		9.92	10.36
Agrico for Topdressing 10-10-10	9.85		9.98	10.40
Agrico for Topdressing 10-10-10	9.85		10.04	10.21
Agrico for Topdressing 10-10-10	10.01		10.44	10.25
AA 10-20-10	9.08		19.81	9.53
Agrico for Truck 10-20-10	10.20		18.87	10.02
Agrico for Grain 10-20-20	*9.25		20.06	21.02
Agrico for Grain 10-20-20	10.00		20.38	20.85
Agrico for Grain 10-20-20	9.65		19.62	20.63
Agrico for Grain 10-20-20	10.00		20.82	19.83
Agrico for Grain 10-20-20	10.20		21.44	20.19
Agrico for Grain 10-20-20	10.40		*17.99	*19.13
Agrico for Truck 10-20-20	9.85		21.03	*19.08
Agrico for Truck 10-20-20	*8.40		21.52	21.60
Agrico for Truck 10-20-20	*9.25		19.73	*18.82
Agrico for Truck 10-20-20	10.15		19.96	19.85
Agrico for Truck 10-20-20	10.12		20.33	19.38
Agrico Country Club 12-4-8	12.05		4.17	7.85
AA 12-12-12	11.53		12.72	12.53
AA 12-12-12	12.01		12.09	11.79
#Agrico for Corn 12-12-12	11.20		12.22	11.97
Agrico for Topdressing 12-12-12	11.75		11.78	12.36
Agrico for Topdressing 12-12-12	11.37		12.27	12.71
Agrico for Topdressing 12-12-12	11.76		11.94	11.86
Agrico for Corn 15-15-15	*13.55		15.02	18.12
Agrico for Corn 15-15-15	*13.12		*13.84	17.38
Agrico for Corn 15-15-15	*12.85		*13.20	17.66
#Agrico for Plowdown 15-15-15	*13.98		15.85	17.20
Agrico for Topdressing 15-15-15	14.80		15.12	15.44
Agrico for Topdressing 15-15-15	15.15		15.04	14.80
Agrico for Grass 16-8-8	15.60		8.44	8.24
Agrico for Grass 16-8-8	15.60		8.77	8.60
Agrico for Plowdown 16-8-8	15.50		8.55	8.15
Agrico for Plowdown 16-8-8	*15.02		9.07	8.63
Agrico for Plowdown 16-8-8	15.70		8.35	8.33
Agrico for Plowdown 16-8-8	15.61		8.79	8.38
Agrico for Plowdown 16-8-8	*15.11		8.62	8.49
Agrico for Topdressing 16-8-8	*14.55		8.49	8.36
Agrico for Topdressing 16-8-8	16.01		8.52	7.41
Agrico for Topdressing 16-8-8	15.60		8.14	8.37
Agrico for Topdressing 16-8-8	16.02		8.02	7.95
Agrico for Topdressing 16-8-8	15.32		8.50	8.46
Agrico for Topdressing 16-8-8	16.00		8.69	7.94
Homestead Custom Lawn Food 20-10-5	19.10		10.15	4.62
Homestead Custom Lawn Food 20-10-5	19.85		9.83	6.12
American Cyanamid Company Princeton, New Jersey				
Diammonium Phosphate 18-46-0	17.70		46.84	
#Amanol Nitrogen Solution 28%	28.02			
Ammonium Nitrate 33.5%	33.70			
Ammonium Nitrate 33.5%	34.10			
Ammonium Nitrate 33.5%	33.51			

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
American Cyanamid Company - Continued				
Ammonium Nitrate 33.5%	33.44			
Aero Urea Coated Prills 45%	44.60			
Aero Urea Coated Prills 45%	44.86			
American Humates, Inc. Dallas 1, Texas				
Aqua Humus 12-9-6	14.05		10.98	5.98
The Anderson Warehouse Market Division Maumee, Ohio				
#0-46-0			45.98	
#Lawn Food 10-6-4	10.10		6.97	4.82
#8-16-16	8.15		16.20	15.36
Arbogast & Bastian, Inc. Allentown, Penna.				
Blood & Hair 7-0-0	11.85			
Blood & Hair 7-0-0	12.95			
Armour Agricultural Chemical Company Baltimore, Maryland				
Superphosphate 20%			19.99	
Superphosphate 20%			19.95	
Superphosphate 20%			19.94	
#Big Crop 0-15-30			14.60	*27.05
Pebble 0-15-30			14.96	*27.97
Big Crop 0-20-20			*18.12	20.15
Big Crop 0-20-20			19.10	*18.47
Pebble 0-20-20			*17.38	21.60
Pebble 0-20-20			*16.68	20.29
Pebble 0-20-20			19.54	*18.70
Pebble 0-20-20			*17.91	*18.80
Pebble 0-20-20			*18.84	19.85
Sheep Manure 1.25-1-2	1.49		0.61	10.08
Cattle Manure 2-1-2	2.30		1.20	2.29
Pebble 2-12-12	3.25		11.72	12.17
Vertagreen for Commercial Crops 2-15-30	2.20		14.17	30.55
Big Crop 3-12-6	3.70		12.86	8.78
Vertagreen for Commercial Crops 3-12-12	3.80		11.57	11.58
Vertagreen for Commercial Crops 3-12-12	3.35		11.84	11.99
Vertagreen for Commercial Crops 3-12-12	3.30		12.19	11.91
Vertagreen for Commercial Crops 3-12-12	3.15		11.90	12.04
Vertagreen for Commercial Crops 3-12-12	3.15		*10.70	13.00
Vertagreen for Commercial Crops 3-12-12	3.80		12.14	12.57
Vertagreen for Commercial Crops 3-12-12	3.65		11.55	11.91
Vertagreen for Commercial Crops 4-12-12	4.42		11.83	12.45
Vertagreen for Commercial Crops 4-12-12	4.25		11.70	11.75
Armorganic 5-5-0	4.70		4.64	
Pebble 5-10-5	5.85		9.92	10.30
Pebble 5-10-5	5.50		9.82	6.47
Pebble 5-10-5	5.20		10.40	6.06
Vertagreen for Lawn & Gardens 5-10-5	5.10		10.44	5.96
Big Crop 5-10-10	4.60		10.61	10.78
Big Crop 5-10-10	4.90		10.49	10.47
Big Crop 5-10-10	5.35		10.42	9.81
Big Crop 5-10-10	5.30		10.44	10.35
Big Crop 5-10-10	4.44		11.63	*8.51
Pebble 5-10-10	5.40		9.61	10.28
Pebble 5-10-10	5.40		9.81	10.41
Pebble 5-10-10	5.35		9.45	10.14
Pebble 5-10-10	5.10		9.86	9.82
Pebble 5-10-10	5.00		9.55	10.35
Pebble 5-10-10	5.20		9.61	9.95
Pebble 5-10-10	5.25		9.89	9.75
Pebble 5-10-10	5.22		9.86	10.95
Pebble 5-10-10	5.84		9.91	10.31
Pebble 5-10-10	6.25		10.06	10.77
Pebble 5-10-10	4.95		10.15	10.10
Pebble 5-10-10	5.21		9.93	10.22
Pebble 5-10-10	4.80		10.31	10.31
Pebble 5-10-10	5.13		10.62	9.88
Pebble 5-10-10	5.45		10.15	9.93
Pebble 5-10-10	5.01		10.37	10.14
Pebble 5-10-10	5.50		9.74	9.74
Pebble 5-10-10	6.35		11.78	11.95

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Armour Agricultural Chemical Company - Continued				
Pebble 5-10-10	4.72		10.23	9.67
#Pebble 5-20-10	5.45		19.14	10.23
Vertagreen for Commercial Crops 6-12-12	6.05		11.92	11.76
Vertagreen for Commercial Crops 6-12-12	6.05		11.85	12.14
Vertagreen for Commercial Crops 6-12-12	5.70		12.01	12.48
Vertagreen for Commercial Crops 6-12-12	6.32		11.79	12.58
Vertagreen for Commercial Crops 6-12-12	6.10		12.06	11.78
Vertagreen for Commercial Crops 6-12-12	6.03		11.96	11.42
Vertagreen for Commercial Crops 6-12-12	6.10		11.77	11.98
Vertagreen for Commercial Crops 6-12-12	6.01		11.96	11.63
Vertagreen for Commercial Crops 6-12-12	6.60		*11.18	11.94
Vertagreen for Commercial Crops 6-18-6	6.65		17.70	6.87
Vertagreen for Commercial Crops 6-18-6	6.40		*16.88	6.83
Vertagreen for Commercial Crops 6-18-6	14.80		*8.61	8.30
Vertagreen for Commercial Crops 8-8-8	8.12		8.39	8.76
Pebble 8-16-16	8.35		18.56	*12.39
Pebble 8-16-16	7.65		*15.07	16.15
Pebble 8-16-16	7.75		*13.76	16.14
#Vertagreen Double Duty Lawn Treatment 10-6-4	10.15		*4.45	4.67
Vertagreen for Turf & Trees 10-6-4	*8.92		6.33	5.80
#Vertagreen for Turf & Trees 10-6-4	*8.51		7.03	9.44
Vertagreen Turf & Trees 10-6-4	9.52		7.01	5.54
Vertagreen Turf & Trees w/Magnex 10-6-4	10.10		6.19	6.23
Big Crop 10-10-10	*9.40		10.71	10.63
Pebble 10-10-10	9.70		9.92	11.96
Pebble 10-10-10	9.48		9.66	10.75
Pebble 10-10-10	9.80		10.18	9.91
Pebble 10-10-10	9.62		10.12	10.22
Pebble 10-10-10	*9.01		10.15	10.10
Pebble 10-10-10	*8.50		10.08	10.68
Pebble 10-10-10	9.87		10.04	10.33
Pebble 10-10-10	9.60		10.20	10.37
Pebble 10-10-10	9.40		10.23	9.75
Pebble 10-10-10	10.06		9.50	10.16
Pebble 10-10-10	9.81		9.79	10.59
Vertagreen for Commercial Crops 10-10-10	*9.00		9.77	10.06
Big Crop 10-20-20	9.70		*10.11	*10.77
Pebble 10-20-20	*8.55		*17.99	19.41
Pebble 10-20-20	*9.05		*18.89	*19.38
#Vertagreen for Commercial Crops 10-20-20	9.70		21.64	*18.93
Big Crop 12-12-12	*10.25		12.07	12.59
#Vertagreen for Commercial Crops 12-12-12	11.77		12.64	12.82
Vertagreen for Commercial Crops 12-24-24	*11.30		23.24	25.53
Vertagreen for Commercial Crops 12-24-24	11.80		25.73	23.65
Vertagreen for Commercial Crops 12-24-24	11.60		24.07	25.21
#Powr Prills 15-15-15	14.60		17.08	16.31
Vertagreen for Commercial Crops 15-15-15	14.92		15.00	15.89
Big Crop 16-8-8	*13.63		10.28	8.09
Vertagreen for Commercial Crops 16-8-8	15.05		7.99	8.20
Vertagreen for Commercial Crops 16-8-8	*13.98		10.79	10.44
Vertagreen for Commercial Crops 16-8-8	*14.73		8.74	7.54
#Vertagreen Light Weight Lawn Food 18-6-9	*16.91		6.05	13.65
Prilled Ammonium Nitrate 33.5%	33.40			
Prilled Ammonium Nitrate 33.5%	33.30			
Prilled Ammonium Nitrate 33.5%	33.34			
The Baugh Chemical Company Philadelphia, Penna. & Baltimore, Md.				
Superphosphate 20%			20.11	
Superphosphate 20%			19.84	
Superphosphate 20%			19.76	
Phosphate & Potash Mixture 0-15-30			16.14	30.68
#0-20-20			19.38	20.77
0-20-20			19.99	20.54
Lord's 0-20-20			20.54	19.73
Lord's 0-20-20			20.46	19.34
Phosphate & Potash Mixture 0-20-20			19.97	22.29
#Phosphate & Potash Mixture 0-20-20			*18.32	20.72
Phosphate & Potash Mixture 0-20-20			20.03	*19.21
Phosphate & Potash Mixture 0-20-20			*18.72	20.12
Phosphate & Potash Mixture 0-20-20			20.88	*16.43
Premium Plant Food & Soil Builder 3-12-6	3.10		12.07	6.95
Premium Plant Food & Soil Builder 3-12-6	3.10		12.51	6.18
3-12-12	3.70		12.04	13.51
#Premium Plant Food & Soil Builder 3-12-12	3.65		12.28	12.65
Premium Plant Food & Soil Builder 3-12-12	3.20		11.76	11.93
Or-Fer-Gro 5-5-0	4.86		4.71	
Or-Fer-Gro 5-5-0	4.94		6.26	
Or-Fer-Gro 5-5-0	5.16		*4.13	
#Premium Plant Food & Soil Builder 5-10-5	4.60		10.22	5.51

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
The Baugh Chemical Company - Continued				
#5-10-10	5.10		10.50	11.09
5-10-10	4.85		10.26	10.88
5-10-10	4.85		9.91	9.78
5-10-10	5.20		10.16	9.46
5-10-10	4.85		10.54	10.18
5-10-10	5.25		10.19	10.33
5-10-10	5.50		10.36	10.92
5-10-10	5.60		10.35	9.81
Premium Plant Food & Soil Builder 5-10-10	4.83		10.23	10.16
#Premium Plant Food & Soil Builder 5-10-10	5.20		9.88	10.10
Premium Plant Food & Soil Builder 5-10-10	5.00		10.09	9.93
Premium Plant Food & Soil Builder 5-10-10	4.82		10.88	10.35
Premium Plant Food & Soil Builder 5-10-10	4.48		10.40	10.18
Premium Plant Food & Soil Builder 5-10-10	5.35		10.81	10.22
Premium Plant Food & Soil Builder 5-10-10	5.75		10.67	11.51
Premium Plant Food & Soil Builder 5-10-10	4.90		10.33	9.53
Premium Plant Food & Soil Builder 5-10-10	4.70		10.10	10.33
Premium Plant Food & Soil Builder 5-10-10 w/Magnesium	5.40		10.30	10.96
5-20-10	5.15		19.06	11.17
Premium Plant Food & Soil Builder 5-20-20	5.09		20.96	*18.90
#Premium Plant Food & Soil Builder 6-12-6	6.40		11.66	6.75
Premium Plant Food & Soil Builder 6-12-6 w/Magnesium	5.97		12.14	6.26
Premium Plant Food & Soil Builder 6-12-6 w/Magnesium	6.00		11.97	5.68
#Premium Plant Food & Soil Builder 6-12-12	5.95		11.60	12.28
Premium Plant Food & Soil Builder 6-12-12	5.65		11.57	12.65
Premium Plant Food & Soil Builder 6-12-12	5.85		11.20	11.40
#Premium Plant Food & Soil Builder 6-24-12	5.82		24.37	11.64
#7-21-7	*0.97		*19.68	*2.12
7-21-7	*4.30		*18.71	*5.53
Premium Plant Food & Soil Builder 8-8-8 w/Magnesium	8.05		8.23	9.19
8-16-16	7.86		16.63	15.96
8-16-16	7.66		16.68	16.20
8-16-16	*6.80		*14.14	18.14
8-16-16	7.70		15.94	16.09
8-16-16	8.08		15.75	17.81
8-16-16	8.50		15.78	*15.02
#Premium Plant Food & Soil Builder 8-16-16	7.35		15.28	15.84
Premium Plant Food & Soil Builder 8-16-16	7.90		*15.06	15.48
Premium Plant Food & Soil Builder 8-24-8	*7.33		*22.54	8.43
Premium Plant Food & Soil Builder 8-24-8	*6.63		23.07	8.47
Premium Plant Food & Soil Builder 10-6-4	9.62		6.58	5.27
Premium Plant Food & Soil Builder 10-6-4	9.80		6.62	4.97
Village Green 10-6-4	*9.15		6.70	4.61
10-10-10	9.55		10.53	11.01
10-10-10	8.90		10.27	9.93
10-10-10	10.30		9.18	*8.59
10-10-10	9.95		9.63	10.74
10-10-10	9.65		10.19	10.06
10-10-10	10.63		*8.86	9.98
Premium Plant Food & Soil Builder 10-10-10	9.75		9.65	*9.40
Premium Plant Food & Soil Builder 10-10-10	10.00		9.70	9.58
Premium Plant Food & Soil Builder 10-10-10	*9.05		10.02	11.24
Premium Plant Food & Soil Builder 10-10-10	9.72		9.77	9.84
Premium Plant Food & Soil Builder 10-10-10	9.55		10.03	10.47
Premium Plant Food & Soil Builder 10-10-10	*8.72		10.36	*9.28
Premium Plant Food & Soil Builder 10-10-10	*9.15		11.24	9.67
10-20-20	*9.23		*18.56	19.94
Gro-Magic 13-26-13	12.25		*19.87	21.39
Gro-Magic 13-26-13	13.30		*22.74	17.62
Gro-Magic 13-26-13	18.60		26.90	*2.38
16-8-8	15.15		7.62	8.62
16-8-8	15.60		8.43	8.14
Blackstone Guano Company, Inc. c/o Virginia-Carolina Chemical Company Blackstone, Virginia				
#Forest Hills 5-10-5	5.10		*8.96	5.17
#Plantation 5-10-5	5.05		9.78	7.45
Plantation 5-10-5	5.15		9.63	5.14
#Forest Hills w/Weed Killer 10-6-4	11.25		5.73	4.17
Plantation 10-6-4	9.76		6.18	4.94
#Forest Hills 20-10-5	20.02		*9.16	4.75
Plantation Lawn Food 20-10-5	*17.92		10.26	6.45
W. Atlee Burpee Company Philadelphia, Penna.				
Lawn Food 20-10-5	19.60		12.01	5.78
Lawn Food 20-10-5	20.95		10.28	5.99

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Cambridge Laboratories, Inc. New York, New York				
#Greenlawn 45-0-0	45.03			
Carlisle Fertilizer Works, Inc. Carlisle, Penna.				
0-20-0			19.80	
3-12-6	3.40		12.86	6.75
5-10-10	5.52		13.06	9.85
5-10-10	6.65		16.13	*8.97
10-10-10	10.01		10.09	10.68
10-10-10	10.00		9.94	10.07
Central Chemical Corporation Hagerstown, Maryland				
Superphosphate 20%			19.69	
Superphosphate 20%			19.88	
Superphosphate 20%			19.68	
Farmrite 0-15-30			14.43	29.72
Farmrite 0-15-30			20.32	*24.27
Farmrite 0-20-20			19.34	20.30
Farmrite 0-20-20			*19.05	20.77
Farmrite 0-20-20			*17.75	19.69
Farmrite 0-20-20			19.16	20.42
Farmrite 0-20-20			20.74	19.91
Farmrite 0-20-20			*17.50	19.83
Farmrite 0-20-20			19.15	22.76
Farmrite 0-20-20			*18.99	20.96
Farmrite 3-12-6	3.15		12.29	5.75
Golden Grain 3-12-6	3.00		10.92	6.85
Farmrite 3-12-12	2.80		*9.93	16.42
#Farmrite 4-16-8	4.40		16.61	9.56
All Organic 5-5-0	5.30		6.89	
Farmrite 5-10-5	5.20		*8.67	5.64
Farmrite 5-10-5	4.95		*8.28	6.57
Farmrite 5-10-5	5.00		*7.56	5.39
Farmrite 5-10-10	5.07		9.37	10.20
Farmrite 5-10-10	4.85		*7.56	10.00
Farmrite 5-10-10	4.91		9.76	10.46
Farmrite 5-10-10	4.86		*9.16	9.62
Farmrite 5-10-10	4.55		9.79	9.93
Farmrite 5-10-10	4.59		10.22	10.63
Farmrite 5-10-10	4.77		*8.53	10.02
Farmrite 5-10-10	5.25		*8.88	*9.20
Farmrite 5-10-10	4.90		*8.59	11.13
Farmrite 5-10-10	5.25		10.07	9.62
Farmrite 5-10-10	4.80		9.61	10.46
Farmrite 5-10-10	5.10		10.29	10.93
Farmrite 5-10-10	5.22		*8.01	10.65
Farmrite 5-10-10	5.20		9.73	9.56
Farmrite 5-10-10	5.10		9.79	9.47
Farmrite 5-10-10	6.00		9.71	9.57
Farmrite 5-10-10	6.70		*8.72	9.47
Farmrite 5-10-10	5.30		*7.87	9.93
Farmrite 5-10-10	5.40		*8.60	11.39
Farmrite 5-20-20	5.60		19.97	*18.34
Farmrite 5-20-20	5.20		20.03	21.25
Farmrite 6-12-12	*5.06		11.59	12.91
Farmrite 6-12-12	5.45		11.97	11.68
Farmrite 8-16-16	*7.20		18.12	15.59
Farmrite 8-16-16	7.60		15.35	15.99
Farmrite 8-16-16	8.70		*13.30	17.12
Farmrite 8-16-16	8.65		15.80	15.69
Farmrite 8-16-16	7.70		17.21	*14.78
Farmrite 8-16-16	7.85		15.52	16.48
Farmrite 8-16-16	8.02		15.60	15.35
Farmrite 10-6-4	9.81		*5.01	5.25
Farmrite Famous Fruit Food 10-6-4	*8.56		9.09	4.51
Turf Food (55% Organic) 10-6-4	*9.32		5.72	4.81
Farmrite 10-10-10	9.80		10.38	10.10
Farmrite 10-10-10	10.70		*7.75	9.41
Farmrite 10-10-10	10.01		10.13	9.72
Farmrite 10-10-10	10.10		9.58	10.40
Farmrite 10-10-10	11.10		*7.56	10.24
Farmrite 10-10-10	9.58		9.93	11.83
Farmrite 10-10-10	10.65		*9.07	10.51
Farmrite 10-10-10	10.30		10.16	10.07

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Central Chemical Company - Continued				
Farmrite 10-10-10	10.15		9.91	10.33
Farmrite 10-10-10	10.42		9.78	11.09
Farmrite 10-10-10	10.07		10.34	9.89
Farmrite 10-10-10	10.50		9.63	10.17
Farmrite 10-20-10	10.35		*18.46	11.40
Farmrite 10-20-20	9.70		*17.73	20.92
Farmrite 10-20-20	9.85		*18.90	19.89
Farmrite 10-20-20	10.50		21.48	19.66
Farmrite 10-20-20	10.07		20.11	19.15
Farmrite Double Five Ten Ten 10-20-20	9.70		*19.11	21.29
Farmrite Double Five Ten Ten 10-20-20	10.12		19.62	19.61
Farmrite Double Five Ten Ten 10-20-20	10.65		20.17	19.71
Farmrite 15-10-10	15.40		10.19	10.07
16-8-8	*13.05		11.12	9.03
Gro-All Green 20-10-5	*16.60		11.33	6.39
Central Farmers Fertilizer Company c/o Pennsylvania Farm Bureau Coop. Assn. Harrisburg, Pennsylvania				
Muriate of Potash 0-0-60				60.31
Chamberlin & Barclay, Inc. Cranbury, New Jersey				
#Glenside Park Lawn Builder 20-10-5	19.30		9.67	5.39
Chemagro Corporation Kansas City, Missouri				
#Scope Systemic 2 in 1 Rose Care 12-9-6	12.50		10.35	7.53
Chevron Chemical Company Ortho Division Richmond, California				
Unipel 10-20-20	9.80		20.06	20.35
Unipel 10-20-20	9.84		19.49	20.31
Unipel 10-20-20	9.66		20.13	20.24
Unipel Starter Special 13-34-10	13.07		34.00	9.94
Unipel Starter Special 13-34-10	12.70		33.32	10.23
Unipel Starter Special 13-34-10	12.82		33.82	10.27
Unipel 16-16-16	15.50		15.75	16.43
Unipel 16-16-16	15.75		15.93	16.16
Unipel 20-10-10	19.60		10.35	10.54
Prilled Ammonium Nitrate 33.5%	33.80			
Chilean Nitrate Sales Corporation New York, New York				
Champion Nitrate of Soda 16%	16.20			
Comark Corporation Syracuse, New York				
Squire Applegate Composted Cow Manure 1-1-1	1.17		0.63	1.81
Squire Applegate Composted Cow Manure 1-1-1	1.01		0.96	1.11
Squire Applegate Composted Cow Manure 1-1-1	1.05		1.26	1.16
Squire Applegate Composted Sheep Manure 1-1-1	0.96		1.04	1.58
#Squire Applegate Steamed Bone Meal 1-23	2.41	28.99	19.86	
Squire Applegate Garden 5-10-5	4.85		10.08	5.21
Squire Applegate Garden 5-10-5	5.20		10.70	*4.24
Squire Applegate Garden 5-10-5	4.85		*9.20	5.22
Squire Applegate Evergreen 8-4-4	8.15		3.64	5.00
Squire Applegate Weed 'N Green Turfood & Weed Control w/2, 4D 8-6-4	8.05		7.19	5.03
Squire Applegate Green Lawn Turfood 10-5-5	10.75		5.20	5.66
Squire Applegate Green Lawn Turfood 10-5-5	10.45		5.55	5.18
Squire Applegate Green Lawn Turfood 10-5-5	11.00		5.44	5.26
Squire Applegate Green Lawn Turfood 10-5-5	11.70		5.36	4.82
Squire Applegate High Organic Nitrogen 10-6-4	9.85		5.83	4.38
Squire Applegate High Organic Nitrogen 10-6-4	9.65		6.09	4.00
Squire Applegate High Organic Nitrogen 10-6-4	10.00		5.76	4.07
Squire Applegate High Organic Nitrogen 10-6-4	10.00		6.22	4.33
Squire Applegate High Organic Nitrogen 10-6-4	10.15		5.71	3.98
Squire Applegate High Organic Nitrogen w/Dieldrin 10-6-4	9.85		6.30	4.72
Squire Applegate Pro-Green Turf 16-8-8	16.00		7.90	8.72
Squire Applegate Pro-Green Turf 16-8-8	16.30		8.36	8.26
Squire Applegate Pro-Green Turf 16-8-8	16.40		8.45	7.72
Squire Applegate Pro-Green Turf 16-8-8	15.60		8.14	8.53
Squire Applegate Sol-U-Green 20-20-20	19.45		21.22	21.73

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
The Conard-Pyle Company West Grove, Penna.				
Rose 7-7-7	7.15		7.34	7.24
Rose Grow 15-30-15	13.60		*28.68	14.41
Cooperative Fertilizer Service Baltimore, Md.				
Superphosphate 20%			19.89	
Superphosphate 20%			19.98	
Superphosphate 20%			19.86	
Superphosphate 20%			20.00	
Superphosphate 20%			20.10	
Superphosphate 20%			20.06	
Superphosphate 20%			19.93	
#0-15-30			16.66	*26.98
0-15-30			15.03	*28.25
0-20-20			20.66	*16.64
0-20-20			20.68	*18.46
0-20-20			19.87	19.41
0-20-20			21.15	*17.09
0-20-20			21.43	*16.35
0-20-20			21.16	*18.55
0-20-20			*18.52	23.12
2-12-12	2.32		12.32	12.49
3-12-6	3.50		12.31	7.04
3-12-6	3.40		12.10	6.86
3-18-18	3.15		17.91	18.38
3-18-18	3.25		18.04	17.52
Lawn & Garden 5-10-5	5.07		10.62	7.16
Lawn & Garden 5-10-5	5.05		10.25	5.99
Lawn & Turf 5-10-5	5.04		10.50	7.45
#5-10-10	5.10		9.95	11.05
5-10-10	5.60		10.34	11.39
5-10-10	5.35		9.06	11.14
5-10-10	5.25		9.76	11.01
5-10-10	5.21		9.79	11.10
5-10-10	5.35		*9.28	11.36
5-10-10	4.38		9.34	10.37
5-10-10	5.30		9.63	11.67
5-10-10	5.35		10.65	11.99
5-10-10	5.20		10.07	11.73
5-10-10	5.30		10.06	10.65
5-10-10	5.15		10.14	11.02
5-10-10	4.55		9.42	9.92
5-10-10	5.10		9.34	12.86
5-10-10	5.20		10.06	11.49
5-10-10	5.90		10.94	10.18
#5-10-10	5.30		10.28	10.77
5-10-10	5.26		10.36	10.92
5-10-10	5.15		9.96	10.76
5-10-10	6.25		10.19	10.92
5-10-10	5.15		10.02	12.82
5-10-10	5.21		9.95	11.12
Special Corn Starter 5-15-5	5.05		16.11	4.64
Special Corn Starter 5-15-5	5.40		14.52	6.17
#Special Corn Starter 5-15-5	5.20		14.83	5.84
#Special Corn Starter 5-15-5	5.20		15.10	6.85
#Special Corn Starter 5-15-5	5.05		15.64	5.17
Special Corn Starter 5-15-5	5.23		15.48	5.90
Special Corn Starter 5-15-5	5.30		14.77	6.15
Special Corn Starter 5-15-5	5.30		15.52	5.16
5-20-20	4.78		19.35	21.06
6-12-12	6.51		12.54	12.61
6-12-12	6.40		12.19	12.91
6-12-12	6.55		11.88	12.49
6-12-12	7.50		11.59	12.60
6-18-18	6.95		*16.18	*15.52
#8-16-16	7.90		16.47	*14.29
8-16-16	8.15		15.48	16.64
8-16-16	8.05		15.72	16.80
8-16-16	*6.80		17.70	16.75
8-16-16	7.85		16.44	16.57
8-16-16	8.30		15.73	15.96
8-16-16	7.90		15.69	16.85
8-16-16	8.05		15.93	15.98
8-16-16	8.00		16.84	16.15
8-16-16	8.17		15.75	16.75
8-16-16	7.85		16.80	*14.59
8-16-16	8.50		*14.86	16.85
8-16-16	8.27		16.21	15.97
8-16-16	7.92		15.55	16.69
#8-24-8	8.05		*22.26	9.52

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Cooperative Fertilizer Service - Continued				
8-24-8	8.55		23.56	8.03
8-24-8	8.20		*19.48	9.31
8-24-8	7.80		23.60	9.43
8-24-8	8.65		24.19	8.00
8-24-8	8.65		23.35	8.80
8-24-8	8.35		*22.62	8.73
#Lawn & Turf 10-5-5	10.01		6.36	6.38
Lawn & Turf 10-5-5	9.70		5.71	6.89
Lawn & Turf 10-5-5	*8.80		5.97	5.60
Lawn & Turf 10-5-5	10.10		5.53	6.03
10-10-10	9.55		11.07	10.83
10-10-10	*9.27		11.83	10.55
10-10-10	*9.15		10.67	10.05
10-10-10	*8.40		11.51	*9.04
10-10-10	9.90		10.19	10.18
10-10-10	9.63		9.94	11.51
10-10-10	9.40		10.21	11.55
10-10-10	10.15		10.17	10.36
10-10-10	10.65		9.33	10.68
10-10-10	10.15		10.66	10.03
10-10-10	10.05		10.27	10.59
10-10-10	9.90		10.28	9.93
10-10-10	9.87		10.24	10.29
10-10-10	10.20		10.35	10.20
10-10-10	9.87		10.14	10.33
10-10-10	10.05		10.23	10.37
10-20-10	9.40		19.72	11.48
#10-20-20	*8.68		20.58	21.79
#10-20-20	9.20		19.97	21.39
10-20-20	9.56		20.08	19.68
10-20-20	10.10		19.52	20.59
10-20-20	9.90		19.17	21.00
10-20-20	10.05		*17.18	*16.54
10-20-20	9.62		*18.93	21.01
10-20-20	10.04		19.30	20.77
10-20-20	9.36		*18.39	21.91
10-20-20	10.05		20.71	19.75
10-20-20	10.01		19.34	20.60
10-20-20	10.01		19.85	20.07
10-20-20	10.02		20.23	19.86
10-20-20	10.10		19.82	*19.16
12-12-12	12.00		12.14	12.52
#15-10-10	*12.95		11.70	12.38
16-8-8	15.53		8.71	8.50
16-8-8	15.25		10.66	8.04
16-8-8	*13.97		10.04	10.20
Cotter & Company Chicago 14, Illinois				
#Tru-Test 20-10-5	19.80		10.74	4.88
Tru-Test 20-10-5	20.30		11.17	5.40
Cumberland Valley Cooperative Association Shippensburg, Penna.				
Superphosphate 20%			19.89	
Superphosphate 20%			19.53	
0-20-20			18.34	21.41
0-20-20			*17.96	21.13
5-10-10	4.95		9.52	9.49
5-10-10	6.20		*8.64	10.46
10-10-10	10.30		10.67	10.20
10-10-10	10.90		12.37	*7.31
Denmandale Farms Cortland, Ohio				
Dehydrated Cattle Manure 2-1-2	1.75		*0.26	2.10
Dehydrated Cattle Manure 2-1-2	2.00		*0.28	2.87
E. I. du Pont de Nemours & Company, Inc. Wilmington, Delaware				
Turf Food 20-10-10	20.80		10.90	10.42
Turf Food 20-10-10	20.42		10.52	10.80
Turfood 20-10-10 w/2,4D	20.40		10.42	10.63
Nu Green Urea 45%	45.93			
Nu Green Urea 45%	45.83			
Nu Green Urea 45%	45.07			
Urea Nitrogen 46%	45.60			

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Duval Sulphur & Potash Company c/o Pennsylvania Farm Bureau Coop. Assn. Harrisburg, Penna.				
#Muriate of Potash 60%				60.00
Muriate of Potash 60%				59.80
Muriate of Potash 60%				61.16
Eastern Dehydrating Company Lexington, North Carolina				
Cow Manure 2-1-7	1.82		0.80	7.79
Cow Manure 2-1-7	*1.36		0.63	7.07
Cow Manure 2-1-7	1.80		0.62	9.61
Eastern States Farmers' Exchange, Inc. West Springfield, Massachusetts				
0-15-30 w/Boron			16.04	30.52
0-25-25			25.07	27.65
5-10-10	5.30		*9.38	10.68
8-16-16	7.91		15.56	17.65
Green Lawn 10-5-5	10.01		6.17	6.53
Green Lawn w/Dacthal 10-5-5	11.00		5.30	5.27
10-10-10	10.00		9.87	10.13
Super 15-10-10	14.65		10.08	11.58
Eastern States Soil Builders, Inc. Sharpsburg, Maryland				
Green-Gro 0-4-16			*2.52	*14.57
Green-Gro 5-4-11	5.40		*2.50	12.86
Green-Gro Lawns & Gardens 6-3-3	6.15		3.78	3.64
Amos Eby & Company Paradise, Penna.				
0-20-20			19.82	19.65
3-12-6	3.55		12.50	6.34
4-8-12	4.35		8.04	12.32
4-12-4	4.45		*11.37	4.80
4-12-4	4.40		11.92	3.99
5-10-10	5.27		10.16	10.43
10-10-10	9.82		9.48	11.46
Elanco Products Company Div. of Eli Lilly & Company Indianapolis, Indiana				
Triple Action Crab Grass Killer 10-5-5	*9.12		6.39	8.08
Triple Action Crab Grass Killer 16-8-4	17.35		9.25	5.67
Triple Action Crab Grass Killer 16-8-4	16.48		9.38	6.41
Broadleaf Weed Killer & Lawn Food 20-10-5 w/2,4D	21.80		10.58	4.50
Lawn Food 20-10-5	*18.80		11.57	6.74
Lawn Food 20-10-5	19.65		12.62	5.72
Lawn Food 20-10-5	21.10		11.50	5.72
Lawn Food 20-10-5	19.75		11.59	7.05
Lawn Food 20-10-5	20.02		10.78	6.28
Lawn Food 20-10-5	19.20		10.28	4.85
Erie Reduction Company Erie, Penna.				
0-20-20			21.34	19.57
Groganic 5-5-0	4.75		5.07	
5-10-5	5.02		10.48	4.42
5-10-10	*3.45		11.17	12.11
8-16-16	*7.20		*14.82	15.63
10-10-10	*8.88		11.07	9.83
Excell Seed Company Downers Grove, Illinois				
Pacemaker Weed & Feed Plus 2,4D 10-6-4	10.25		7.28	4.99
Faesy & Besthoff, Inc. Edgewater, New Jersey 07020				
#Rose Food 8-10-4	*7.03		10.73	5.49

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Farmers Fertilizer Works Elizabethtown, Penna.				
0-20-0			20.51	
3-12-6	3.30		12.25	6.66
3-12-6	3.30		12.30	6.18
4-12-12	4.10		12.06	13.27
5-10-10	5.02		10.93	9.12
5-10-10	5.01		10.09	10.26
10-10-10	9.50		11.49	9.82
Federal Chemical Company Cranbury, New Jersey				
Lawn Master 5-10-5	5.40		*9.39	5.44
#8-24-8	8.30		23.76	*7.10
Lawn Master 10-6-4	10.90		7.21	5.68
Lawn Master 10-6-4 50% Organic	10.40		6.30	3.97
#Federal 10-20-10	10.02		22.43	8.99
Lawn Master 20-10-5	*15.50		10.53	6.41
Federal Chemical Company Louisville, Kentucky				
Counselor Double Purpose Weed Control & Fertilizer 20-10-5	*12.90		10.06	6.14
Counselor Premium Lawn 20-10-5	*13.49		9.79	6.18
Feeney's Garden Center Feasterville, Penna.				
All Purpose 10-6-4	9.57		6.99	3.94
Lawn 20-10-5	19.85		12.66	5.20
S. H. Goss, Inc. Lewistown, Penna.				
#0-15-30			*12.18	34.25
#0-20-20			20.30	20.12
#3-12-12	3.55		11.63	11.98
#5-10-5	4.68		11.33	5.00
#5-10-10	5.55		10.35	11.28
#5-10-10	5.05		10.05	10.84
Custom Mix 10-5-5	*9.22		5.77	6.26
#10-10-10	*8.94		9.95	12.19
10-20-10	*7.91		*18.36	12.34
10-20-20	*8.80		*15.79	20.89
Goulard & Olena, Inc. Skillman, New Jersey				
Bone Meal 1-11	2.60		19.05	
#Bulb Food 5-6-15	5.33		5.63	16.29
#Prizegro for Gardens 5-10-5	5.17		9.62	5.27
#Turf Food & Weed Killer 10-6-4 w/2,4D	9.85		6.72	4.24
Nitrate of Soda 16%	16.02			
W. R. Grace & Company Davison Chemical Division Baltimore, Maryland				
Superphosphate 20%			19.73	
#Superphosphate 20%			*19.18	
Superphosphate 20%			19.69	
Superphosphate 20%			20.18	
Superphosphate 20%			20.57	
Superphosphate 20%			20.13	
Superphosphate 20%			20.22	
Superphosphate 20%			19.87	
Triple Superphosphate 46%			45.02	
Triple Superphosphate 46%			44.46	
Triple Superphosphate 46%			45.96	
Triple Superphosphate 46%			*44.40	
#3G 0-20-20			20.73	*17.05
3G 0-20-20			19.29	20.54
3G 0-20-20			20.70	*18.46
3G 0-20-20			19.81	*18.79
3G 0-20-20			23.29	*15.72
#3G 3-12-12	3.28		11.86	11.91
3G 3-12-12	4.30		12.89	13.02
3G 3-12-12	3.30		*11.00	12.18
#Nutri-Gran Tobacco Food w/Heptachlor 4-8-12	4.32		7.63	12.36

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
W. R. Grace & Company, Davison Chemical Div. - Continued				
Turf & Garden 5-10-5	4.75		10.06	5.42
#3G 5-10-10	4.85		10.50	9.99
3G 5-10-10	4.77		10.03	10.39
3G 5-10-10	4.75		10.51	10.83
3G 5-10-10	4.80		9.83	10.50
3G 5-10-10	4.65		10.44	10.29
3G 5-10-10	4.73		10.16	10.22
3G 5-10-10	5.21		10.49	11.00
3G 5-10-10	5.10		10.34	9.45
3G 5-10-10	4.70		10.53	10.14
3G 5-10-10	5.15		9.98	10.64
3G 8-16-16	7.40		15.81	15.92
3G 8-16-16	7.75		15.51	15.61
3G 8-24-8	7.85		*21.12	8.91
3G 8-24-8	8.12		23.54	7.95
3G 10-10-10	9.65		10.21	10.74
3G 10-10-10	9.80		9.92	10.46
3G 10-20-10	*9.05		19.90	12.33
3G 10-20-10	*9.30		19.61	11.50
3G 10-20-20	9.40		20.43	*18.65
3G 10-20-20	*8.76		20.91	19.73
#3G 12-12-12	11.50		12.23	11.85
#3G 15-10-10	14.40		10.74	10.90
#Dav-Gro 20-20-20	20.02		20.16	19.18
#Muriate of Potash 60%				*57.61
Muriate of Potash 60%				*56.46
Muriate of Potash 60%				59.78
Muriate of Potash 60%				*56.45
W. R. Grace & Company, Davison Chemical Company Specialty Products Division Baltimore, Maryland 21203				
Mag Amp 7-40-6	6.85		44.60	6.17
W. R. Grace & Company Nitrogen Products Division Memphis, Tennessee				
Urea Prills 45%	45.33			
Graham Division Summers Fertilizer Company, Inc. Somerset, Penna.				
0-20-20			19.64	19.60
0-20-20			*18.70	22.32
3-12-6	3.70		11.53	7.24
3-12-6	4.35		12.29	6.13
Sul-Po-Mag 4-12-12	4.55		11.93	12.62
5-10-5	*4.52		*9.18	6.73
5-10-5	4.39		9.89	7.02
5-10-10	5.45		11.14	9.40
5-10-10	5.05		9.92	10.21
Sul-Po-Mag 5-10-10	4.70		*9.13	11.91
Sul-Po-Mag 5-10-10	5.07		9.85	10.99
8-16-16	*7.25		*14.51	*15.04
10-10-10	9.20		9.78	10.87
10-10-10	9.80		9.73	10.27
Sul-Po-Mag 10-10-10	*9.36		10.47	10.38
10-20-10	*8.90		*17.29	10.91
15-10-10	14.60		12.28	8.71
17-0-11	17.50			*9.21
#20-20-0	*19.30		*14.96	
Gray Chemical, Inc. Gloucester, Massachusetts				
#Mermade 5-5-1	5.31		6.14	1.79
Griffith & Boyd Company Baltimore, Maryland				
Truck & Potato Special 5-10-5	4.75		11.18	8.43
Farmers Queen 5-10-10	5.40		9.98	9.54
Double Strength Guano 8-16-16	8.01		14.49	16.89
D. S. Crop Grower 10-10-10	10.03		9.71	10.08

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Growers Chemical Corporation Milan, Ohio				
Liquid 10-20-10	10.18		19.95	9.65
Liquid 10-20-10	10.13		19.83	9.70
Louis Hahn & Son, Inc. Pittsburgh, Penna.				
Evergreen & Tree Food 10-5-5	10.55		*3.92	4.39
Weed & Feed 20-0-0	19.20			
Turf Food 24-6-6	23.50		6.72	5.98
Hercules Powder Company Pittsburgh, Penna.				
Prilled Ammonium Nitrate 33.5%	34.00			
Heritage House Products Pittsburgh 19, Penna.				
Weed Killer & Lawn Food 10-6-4 w/2,4D	11.05		6.22	5.10
Lawn Food 20-10-10	20.46		9.88	*8.48
Lawn Food 20-10-10	20.20		*9.21	10.09
Lawn Food 20-10-10	21.30		9.81	11.96
Highland Lawn Products, Ltd. Welland, Ontario, Canada				
#Weed & Feed 10-6-4	14.70		8.72	4.46
A. H. Hoffman, Inc. Landisville, Penna.				
#Fertil Mix 1-1-1	*0.40		0.81	*0.25
Bone Meal 2-22	2.45	27.39		
#Weed Killer plus Lawn Food 10-6-4	11.25		5.90	4.75
Hoosier Soil Service Company Bluffton, Indiana				
#Envee Lawn Food 10-6-4	10.50		5.97	4.08
Hydroponic Chemical Company, Inc. Copley, Ohio				
Hyponex 7-6-19	7.30		7.21	20.15
Independent Manufacturing Company Philadelphia, Penna.				
2-16-16	6.02		*13.12	*13.58
#5-10-10	4.90		10.73	11.63
International Minerals & Chemical Corporation Skokie, Illinois & Buffalo, New York				
Superphosphate 20%			20.13	
Superphosphate 20%			20.87	
Triple Superphosphate 46%			46.84	
Four Leaf Powdered Rock Phosphate 0-3-0			5.84	
International 0-20-20			19.02	20.87
Signature 0-20-20			20.56	*18.74
Mello Green 5-5-0	5.02		4.64	
Signature 5-10-5	5.01		9.93	5.06
International 5-10-10	5.00		9.83	9.50
Rainbow 5-10-10	5.01		11.02	12.45
Rainbow 5-10-10	5.30		10.04	12.90
#Signature 5-10-10	5.02		10.64	9.59
Signature 5-10-10	5.13		9.83	*7.18
#Rainbow Lawn & Garden 6-10-4	6.30		9.93	5.78
Rainbow 8-16-16	7.82		15.84	16.96
Signature 8-16-16	7.92		*14.98	16.44
Signature 8-16-16	7.88		15.79	17.23
Super Rainbow 8-16-16	7.75		*15.03	16.30
Super Rainbow 8-16-16	7.65		15.92	16.69
Rainbow 8-24-8	7.90		*22.62	9.54
International 10-10-10	9.25		10.76	10.15
International 10-10-10	9.60		9.70	11.52
Rainbow 10-10-10	*8.82		10.54	12.09
#Signature 10-10-10	9.65		9.92	10.97

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
International Minerals & Chemical Corporation - Continued				
Signature 10-10-10	9.70		9.79	10.43
Super Rainbow 10-10-10	*9.07		10.50	11.38
Rainbow 10-20-20	10.05		21.33	*18.50
Rainbow 14-7-14	*12.90		7.31	14.10
Lawn Food & Weed Killer 18-3-5	*16.98		2.65	*3.37
Diammonium Phosphate 18-46-0	17.80		46.94	
Diammonium Phosphate 18-46-0	17.85		46.30	
Sul-Po-Mag 21%				22.32
Sulphate of Potash 50%				49.54
Muriate of Potash 60%				60.71
Muriate of Potash 60%				60.60
Muriate of Potash 60%				61.02
Muriate of Potash 60%				60.12
Jones & Laughlin Steel Corporation Pittsburgh, Penna.				
Ammonium Sulphate 21%	21.02			
Ammonium Sulphate 21%	20.70			
Ammonium Sulphate 21%	21.08			
Ammonium Sulphate 21%	20.90			
Ammonium Sulphate 21%	21.20			
Kapco Division Summers Fertilizer Company, Inc. Somerset, Penna.				
Cow Manure 2-1-2	2.40		0.61	1.81
Bone Meal 2-22	2.50	26.56		
#Kap-Organic 5-5-0	5.55		7.39	
Kap-Organic 5-5-0	5.40		7.01	
Kap-Organic 5-5-0	5.12		4.37	
#No-Pest Turf Food w/Aldrin 6-10-4	6.05		9.66	4.78
No-Pest Turf Food w/Aldrin 6-10-4	5.43		9.54	4.84
No-Weed Turf Food 6-10-4	6.85		*8.18	4.09
No-Weed Turf Food 6-10-4	6.05		*8.33	4.65
Rose & Flower 6-12-6	5.92		11.94	6.63
Garden 7-7-7	8.15		6.85	7.14
Garden 7-7-7	7.55		6.32	7.80
#Turf Food 8-6-6	8.35		5.60	5.90
Turf Food 8-6-6	8.01		6.29	6.87
Turf Food 8-6-6	8.20		5.73	5.78
#Blue Chip Turf Food 10-5-5	11.68		4.76	4.50
Blue Chip Turf Food 10-5-5	*8.25		5.62	5.27
Blue Chip Turf Food 10-5-5	10.20		4.67	8.91
#10-6-4	10.20		5.65	*3.33
Evergreen 10-6-4	10.30		5.62	4.36
#Evergreen 10-6-4	10.95		*3.94	5.42
Evergreen 10-6-4	10.70		*4.45	4.55
Plant-L-Izer 15-30-15	14.80		31.60	19.33
20-20-20	20.15		20.25	19.92
N. S. Koos & Son Company Kenosha, Wisconsin				
#Green Turf Lawn 20-10-5	*18.00		12.09	5.66
Lancaster Bone Fertilizer Company, Inc. Quarryville, Penna.				
0-15-30			*12.58	31.17
0-15-30			*13.83	31.08
0-20-20			*17.47	22.69
0-20-20			20.44	*17.25
3-18-18	2.80		19.11	17.69
4-12-12	5.55		*10.72	11.40
5-10-10	4.92		9.62	10.90
5-10-10	4.90		10.44	9.91
5-10-10	5.80		9.94	11.03
Tobacco Special 5-10-15	5.70		10.62	*13.56
8-16-16	*7.34		*15.02	17.94
10-10-10	9.60		*9.19	11.84
10-10-10	9.77		10.15	11.02
10-10-10	10.00		*9.23	11.52
16-8-8	16.01		9.95	8.13

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Lebanon Chemical Corporation Lebanon, Penna.				
Superphosphate 20%			19.81	
Turf Organic 5-4-0	5.25		4.25	
5-10-5	5.65		10.28	4.86
5-10-5	6.00		8.89	5.21
5-10-10	5.20		9.60	11.41
5-10-10	4.80		*8.78	10.74
5-10-10	5.05		8.97	*9.14
Liquid Spray-Gro 5-10-10	5.16		10.98	10.14
Liquid Spray-Gro 6-18-6	5.75		17.80	6.96
Grain 8-24-8	7.80		*22.98	8.12
Hi-Organic 10-6-4	9.50		6.67	4.87
Hi-Organic 10-6-4	10.25		*5.21	4.15
10-10-10	9.80		10.81	*7.91
10-10-10	10.20		9.62	10.13
10-20-20	9.73		22.44	*15.36
Liquid Spray-Gro 14-7-7	*13.23		7.32	7.52
Top Crop 16-8-8	*13.80		9.39	10.85
Top Crop 16-8-8	15.52		7.41	7.71
Top Crop 16-8-8	*14.95		8.34	9.32
Locust Point Quarries, Inc. Mechanicsburg, Penna.				
0-20-20			*18.80	19.55
5-10-10	5.02		10.99	9.35
8-16-16	7.85		*14.82	18.21
8-24-8	7.87		*23.07	8.21
8-24-8	8.02		*22.93	8.66
McNair Farms Laurinburg, North Carolina				
Organic Dehydrated Cow Manure 2-1-2	1.57		1.58	2.24
Marsteller's Grain, Inc. Macungie, Penna.				
5-10-10	5.15		10.58	11.13
8-32-16	10.23		*29.36	16.54
10-10-10	10.01		9.94	11.38
10-20-20	*9.30		*17.81	22.44
Measured Soil Foods, Inc. Biglerville, Penna.				
5-10-10	8.60		10.33	*7.20
5-20-20	4.75		*18.50	*18.71
5-20-20	4.70		*17.45	*17.44
Liq-qua-gro 8-8-8	8.23		8.45	7.85
Liq-qua-gro 12-6-6	11.88		7.27	5.66
Liq-qua-gro 12-6-6	11.86		6.54	6.00
Custom Blend 20-10-0	19.80		13.48	
Custom Blend 20-16-16	19.60		*13.37	15.42
Custom Blend 20-20-10	20.75		*17.56	9.68
Milazzo Charcoal & Fertilizer Company Pittston, Penna.				
Ferto 5-10-5	5.75		*5.39	6.55
Ferto 5-10-5	5.80		*5.68	6.69
Millardsville Fertilizer Works Myerstown, Penna.				
3-12-6	2.96		12.42	5.57
5-10-10	5.00		10.40	9.51
5-10-10	5.00		10.16	9.91
8-16-16	9.66		25.04	9.28
10-10-10	10.10		9.61	9.83
#10-20-20	*9.20		19.79	21.25
Miller Chemical & Fertilizer Corporation Baltimore, Maryland				
Rich Yield 0-15-30			18.16	*10.78
Rich Yield 0-20-20			*18.61	23.17
Rich Yield 3-12-6	3.08		11.74	6.99
Rich Yield 3-12-6	3.30		12.23	6.58

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Miller Chemical & Fertilizer Corp. - Continued				
#Rich Yield for Tobacco 4-8-12 w/1.2 Mg	4.50		8.45	12.23
#4-12-4	5.45		12.82	5.44
Rich Yield 4-12-12	4.08		11.77	13.03
#Mico-Organic 5-5-0	5.20		5.31	
Rich Yield 5-10-5	4.82		10.12	6.99
Rich Yield 5-10-5	5.05		9.28	5.28
Rich Yield 5-10-10	5.25		9.99	10.00
Rich Yield 5-10-10	5.15		10.67	10.40
Rich Yield 5-10-10	5.02		10.20	10.76
Rich Yield 5-10-10	5.80		10.10	*8.94
Rich Yield 5-10-10	5.70		10.03	9.80
VHPF 6-25-15	6.40		25.40	19.17
Rich Yield 8-16-16	7.43		16.54	17.07
Rich Yield 8-16-16	7.95		15.74	16.34
Rich Yield 8-16-16	8.75		*14.95	17.40
Rich Yield 10-6-4	9.85		*5.16	4.30
#10-6-4 w/35% Organic Nitrogen	*9.35		6.34	4.46
Orchard 10-10-10	10.95		10.42	10.87
Rich Yield 10-10-10	11.15		9.52	10.56
Rich Yield 10-10-10	10.45		*9.21	11.58
Rich Yield 10-10-10	11.60		13.62	9.87
#Super Q 10-14-12	11.05		16.35	*10.12
Super Q 10-14-12	9.80		14.38	11.63
Rich Yield 10-20-20	10.02		20.35	19.67
Rich Yield 15-10-10	14.90		9.75	10.06
Rich Yield 15-10-10	15.20		9.92	*9.17
Rich Yield 15-10-10	*13.98		10.11	10.27
Mobil Chemical Company Div. of Socony Mobil Oil Company, Inc. Richmond, Virginia				
100% Natural Organic Lawn Food 10-0-0	10.01			
Lawn Food plus Grub & Insect Killer & Crabgrass 10-6-4	9.85		6.65	5.22
Supreme Quality Lawn Food 20-10-5	*16.64		12.33	6.99
Montgomery-Bucks Farm Bureau Coop. Assn. Souderton, Penna.				
0-20-20			19.53	19.86
8-16-16	7.80		16.83	15.63
12-12-12	11.60		12.01	13.03
16-8-8	*14.70		10.21	8.30
Na-Churs Plant Food Company Marion, Ohio				
Liquid 10-20-10	10.23		19.30	9.52
"Na-Churs" Plant Food Company, Ltd. London, Ontario, Canada				
Liquid 5-15-10	*3.62		*13.08	*7.80
Liquid 10-20-10	9.69		19.95	10.20
Liquid 10-20-10	10.05		20.83	10.76
The Natural Development Company Bainbridge, Penna. 17502				
Fertrell, Blue 1-1-1	1.55		0.98	0.97
Fertrell, Gold Label 2-1-2	1.80		1.14	2.38
Fertrell, Super 3-2-3	3.25		*1.31	3.16
Fertrell, Super 3-2-3	2.95		1.85	*2.34
Fertrell, Super "N" 4-2-4	4.75		*1.30	*2.82
Natural Plant Food Company Oklahoma City, Oklahoma				
#Cattle Manure 2-1-2	1.90		0.75	2.80
Nitrogen Division Allied Chemical Company Hopewell, Virginia				
Poly N 10-34-0	13.78		27.38	
Golden Uran 30	29.08			
Golden Uran 30	30.00			
Golden Uran 30	29.53			

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Nitrogen Div., Allied Chemical Co. - Continued				
Golden Uran 30	29.96			
Golden-AN (Ammonium Nitrate) 33.50%	34.20			
Golden-AN (Ammonium Nitrate) 33.50%	33.50			
Golden-AN (Ammonium Nitrate) 33.50%	33.50			
Golden-AN (Ammonium Nitrate) 33.50%	33.80			
Golden-AN (Ammonium Nitrate) 33.50%	33.68			
Golden-AN (Ammonium Nitrate) 33.50%	33.77			
Urea 45%	45.60			
Urea 45%	44.80			
Urea 45%	45.06			
Urea 45%	45.16			
Urea 45%	45.40			
Urea 45%	45.17			
Northampton Farm Bureau Coop. Assn. Tatamy, Penna.				
Custom Blend 10-10-10	11.38		*8.64	*8.88
Olin Mathieson Chemical Corporation Little Rock, Arkansas				
5-10-10	4.78		9.73	10.38
5-10-10	5.07		11.52	10.50
#Ammo-Phos w/Potash 6-24-24	6.35		24.83	23.20
Ammo-Phos w/Potash 6-24-24	6.11		24.18	23.97
Ammo-Phos w/Potash 6-24-24	6.15		24.69	23.62
Ammo-Phos w/Potash 8-32-16	8.85		*28.56	16.06
Ammo-Phos w/Potash 8-32-16	8.30		33.06	*15.31
Ammo-Phos w/Potash 9-18-18	9.85		18.19	17.93
10-10-10	10.20		9.79	9.81
#Ammo-Phos w/Potash 10-20-20	9.86		19.92	20.29
Ammo-Phos w/Potash 10-20-20	10.35		20.22	20.08
Ammo-Phos w/Potash 10-20-20	10.40		20.62	19.87
Ammo-Phos 11-48-0	11.40		48.26	
Ammo-Phos w/Potash 12-24-12	12.05		24.32	12.35
Ammo-Phos w/Potash 13-13-13	13.20		13.30	13.58
Ammo-Phos w/Potash 13-13-13	13.35		13.20	13.22
Organic Compost Corporation of Pennsylvania Oxford, Penna.				
Ferti Composted Cow Manure .5-.5-.5	0.85		0.64	0.93
Gardner's Composted Cow Manure .5-.5-.5	1.10		0.98	1.51
Gardner's Composted Sheep Manure .5-.5-.5	0.95		0.88	1.67
Fertie Composted Cow Manure 1-1-1	1.05		0.97	1.51
Fertie Composted Sheep Manure 1-1-1	1.03		0.93	1.70
Organic Plant Food Company Lancaster, Penna.				
4-8-12	4.60		9.89	*9.16
5-10-10	6.40		9.72	10.20
5-15-5	5.05		15.33	5.39
5-15-5	4.92		15.89	4.60
10-10-10	10.26		*8.56	11.44
Pancoast Gardens Broomall, Penna.				
Turf Food 20-10-10	19.15		9.17	11.64
Lee Patten Seed Company Moonachie, New Jersey				
Allganic 4-6-2	4.25		6.05	2.19
#Rose Food 6-9-5	7.50		10.64	6.10
#Shrub Food 7-8-7	7.80		8.36	8.26
Lawn Food 9-8-3	8.95		8.70	3.54
Sodmaker 10-6-4	10.50		6.20	4.35
Drew Pearson's Farms Lexington, Ohio				
Cow Manure 3-1-2	*2.45		1.15	*1.33
#Sheep Manure 3-1-2	3.06		0.70	1.95
Sheep Manure 3-1-2	*2.05		0.88	*1.06

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Penn Ohio Fertilizer, Inc. Mercer, Penna.				
5-10-10	8.42		15.98	*8.89
8-16-16	13.90		20.99	15.71
10-10-10	14.08		14.81	16.89
10-20-20	12.80		24.68	19.41
Pennsylvania Dutch Fertilizer Company Lebanon, Penna.				
5-10-5	5.70		*9.24	5.94
New Turf 10-6-4	*7.63		5.63	*2.94
New Turf 10-6-4	9.75		5.89	4.09
Weed & Feed w/2,4D 20-10-5	19.65		10.71	6.11
Pennsylvania Farm Bureau Coop. Assn. Harrisburg, Penna.				
#Triple Superphosphate 46%			46.66	
Triple Superphosphate 46%			45.32	
0-27-27			31.93	27.44
Bulk Blend 11-22-22	15.40		23.26	21.02
Bulk Blend 11-22-22	11.15		24.98	25.10
Custom Mix 11-22-22	11.80		25.59	24.80
Custom Blend 16-16-16	18.60		17.05	17.69
Diammonium Phosphate 21-53-0	20.60		53.16	
Custom Blend 24-11-11	25.30		14.55	11.21
Custom Blend 26-12-9	28.55		16.47	9.60
Custom Blend 27-12-7	29.32		15.65	8.84
Custom Blend 31-18-0	33.40		20.79	
Pennsylvania Farm Bureau Coop. Assn. Winfield, Penna.				
Custom 21-14-14	29.60		13.61	*9.54
Robert B. Peters Company, Inc. Allentown, Penna.				
Organic Special 13-6-6	14.65		10.14	9.03
Pot Mum Special 15-10-30	15.73		10.83	30.89
15-30-15	15.75		31.62	16.65
Easter Lily Special 16-4-12	17.86		5.65	14.32
Easter Lily Special 16-4-12	17.40		5.96	14.59
General Purpose 20-20-20	19.51		20.10	19.75
Carnation Special 25-5-20	25.90		5.70	21.15
Spray Feed 30-10-10	30.03		11.06	11.48
Plantabbs Corporation Timonium, Maryland				
#10-10-10	10.29		10.41	10.51
Potash Company of America c/o Pennsylvania Farm Bureau Coop. Assn. Harrisburg, Penna.				
#Muriate of Potash 60%				60.14
Muriate of Potash 60%				62.27
Muriate of Potash 60%				59.32
Reading Bone Fertilizer Company Reading, Penna.				
0-20-20			21.06	19.20
0-20-20			20.54	*18.83
0-20-20			19.52	20.39
5-20-10	5.00		20.66	10.90
Turf 10-5-5	10.15		*3.77	5.91
8-16-16	*7.30		15.52	17.81
8-24-8	*7.25		*21.92	8.01
Blue Chip Turf Food 10-5-5	11.50		*4.12	6.50
20-10-10	*19.20		11.93	10.52
Robert A. Reichard, Inc. Allentown, Penna.				
Hi-Available Liquid 0-10-10			10.21	10.48

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Robert A. Reichard, Inc. - Continued				
Hi-Available Liquid 0-10-10			10.12	10.18
Famous 0-20-20			20.69	*17.79
Famous 0-20-20			20.48	18.92
Hi-Available Liquid 3-9-9	4.23		8.92	8.74
Hi-Available Liquid 3-9-9	2.91		9.29	9.29
Hi-Available Liquid 3-9-12	3.07		9.46	11.83
Hi-Available Liquid 3-9-12	4.17		8.85	11.55
Animal Base 5-10-10	5.50		10.56	9.66
Animal Base 5-10-10	5.85		10.67	10.02
Hi-Available Liquid 5-10-10	4.92		10.20	10.29
Hi-Available Liquid 5-10-10	5.57		10.01	9.85
Hi-Available Liquid 5-10-10	4.98		10.09	10.26
Hi-Available Liquid 5-10-10	5.39		9.80	9.75
Hi-Available Liquid 5-15-5	5.20		14.82	5.05
Famous 6-12-12	6.15		11.97	12.35
Famous 8-16-16	7.80		16.15	16.34
Famous 8-24-8	8.10		25.19	*5.62
Famous 8-32-10	8.05		*30.08	10.80
Hi-Available Liquid 9-9-9	8.70		9.39	*8.03
Hi-Available Liquid 9-9-9	9.57		9.03	8.63
Hi-Available Liquid 9-9-9	8.74		8.92	8.69
Hi-Available Liquid 9-9-9	9.14		8.84	10.00
Famous 10-6-4	10.37		5.99	4.59
Hi-Ni 10-6-4	9.80		6.88	4.20
Famous 10-10-10	10.20		9.91	10.84
Famous 10-20-10	9.45		23.49	10.72
Famous 10-20-10	9.85		18.79	10.79
Famous 10-20-20	*9.22		21.09	*18.72
Famous 10-20-20	*9.20		*17.45	20.54
Famous 12-12-12	11.80		11.67	11.31
Hi-Available Liquid 14-7-7	13.14		7.69	7.27
Hi-Available Liquid 14-7-7	*11.40		8.21	8.28
Hi-Available Liquid 14-7-7	13.84		8.08	6.92
Hi-Available Liquid 14-7-7	13.60		7.17	*6.22
Hi-Available Liquid 14-7-7	13.60		7.08	6.70
Hi-Available Liquid 14-7-7	13.75		6.99	8.27
Hi-Available Liquid 14-7-7	13.77		7.16	7.06
Five Way Lawn Build-R 20-10-5	*16.80		11.54	4.53
Uran Liquid 30%	29.61			
Republic Steel Corporation Cleveland, Ohio				
Sulphate of Ammonia 21%	21.00			
F. S. Royster Guano Company Baltimore, Maryland				
Vim Superphosphate 20%			19.62	
Vim Superphosphate 20%			20.34	
Vim Superphosphate 20%			20.29	
Vim Superphosphate 20%			20.30	
Bonanza 0-20-20			*18.83	19.65
Vim 0-20-20			19.52	20.31
Vim 0-20-20			19.51	20.52
Vim 0-20-20			20.76	20.52
Vim 0-20-20			20.36	19.97
Vim 0-20-20			20.04	19.71
#Steamed Bone Meal 2.5-23.00	2.40	27.79		
Vim 3-12-6	3.00		12.44	6.47
Vim 3-12-6	3.15		12.76	8.26
Vim 3-12-12	3.28		11.68	12.16
Vim 3-12-12	3.45		11.64	12.01
Vim 3-12-12	3.60		12.09	11.76
Bonanza-Tobacco 4-8-16	4.15		8.94	*14.64
Vim 5-10-5	5.40		11.07	5.75
Vim 5-10-5	5.32		10.23	5.15
Vim 5-10-5	5.20		9.89	5.26
Vim for Lawn & Garden 5-10-5	5.04		10.12	4.92
Bonanza 5-10-10	5.05		10.31	10.14
Boanaza 5-10-10	4.90		10.27	10.33
Bonanza 5-10-10	5.05		9.92	10.13
Vim 5-10-10	5.20		10.59	10.27
Vim 5-10-10	4.95		10.23	9.78
Vim 5-10-10	5.35		10.44	9.95
Vim 5-10-10	5.17		10.02	9.88
Vim 5-10-10	5.30		10.02	9.47

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
R. S. Royster Guano Company - Continued				
Vim 5-10-10	5.05		10.19	10.09
Vim 5-10-10	5.06		9.95	9.95
Vim 5-10-10	5.00		10.37	10.22
Vim 5-10-10	5.10		9.81	9.88
Vim 5-10-10	5.02		9.81	10.08
Arrow 5-20-20	5.85		19.05	*18.52
Arrow 5-20-20	5.00		20.19	19.87
Bonanza 6-12-6	5.95		12.44	6.87
Bonanza 6-12-6	6.10		12.34	6.63
Bonanza 6-12-6	6.01		11.52	7.19
Arrow 6-24-12	6.03		23.13	12.13
Bonanza FSR for Flowers & Shrubs 8-8-8	8.10		7.62	8.30
Bonanza 8-16-16	8.02		15.76	*15.13
Bonanza 8-16-16	7.72		15.63	15.57
Bonanza 8-16-16	7.83		15.99	15.46
Vim 8-16-16	7.75		*14.71	16.20
Vim 8-16-16	7.93		16.07	15.72
Vim 8-16-16	7.82		15.52	15.68
Arrow 8-24-8	7.76		*22.49	8.54
Arrow 8-24-8	7.30		*21.18	8.33
Arrow 8-24-8	7.50		23.68	8.23
Bonanza 10-10-10	9.87		9.76	9.72
Bonanza 10-10-10	9.71		10.21	9.49
Vim 10-10-10	9.85		9.91	10.00
Vim 10-10-10	9.60		10.01	9.98
Vim 10-10-10	*8.90		10.15	9.92
Vim 10-10-10	9.70		10.01	10.17
Vim 10-10-10	9.80		10.12	9.79
Vim 10-10-10	10.15		9.84	9.94
Arrow 10-20-10	9.60		19.31	9.41
Arrow 10-20-20	*9.20		19.24	*18.92
Bonanza for Lawns 15-5-5	15.01		5.64	5.75
Bonanza for Lawns 15-5-5	14.15		5.39	5.98
Arrow 16-8-8	15.52		8.20	8.91
Arrow 16-8-8	*14.60		8.52	8.58
O. M. Scott & Sons Company Marysville, Ohio				
Halts Plus 14-3-3	14.80		3.17	3.38
Turf Builder Plus 4, 14-3-3	14.55		2.46	2.71
Turf Builder Plus 4, 14-3-3	14.20		3.27	3.51
Turf Builder Plus 1, 20-5-5	20.40		5.03	5.21
Turf Builder 23-7-7	23.10		6.92	6.75
Turf Builder 23-7-7	23.10		7.46	7.83
Turf Builder 23-7-7	23.10		7.07	7.85
Bonus 25-0-0	25.45			
Seaboard Seed Company Bristol, Illinois				
#Society Hill Lawn Builder 20-10-5	20.15		*7.93	5.92
Sears, Roebuck & Company Chicago, Illinois				
#Weed Killer in Organic Lawn Food 5-4-0	5.24		3.93	
Economy 5-10-5	5.95		10.43	5.02
Economy 5-10-5	5.50		*8.91	5.68
Rose Food 5-10-5	5.83		9.87	6.33
Hi-Organic 10-6-4	11.10		5.67	4.03
Lawn Quick Green 16-8-8	15.70		*7.04	8.03
Green Karpet Lawn Food 20-10-5	19.80		11.26	4.48
Green Karpet Lawn Food 20-10-5	19.50		10.84	5.01
Green Karpet Lawn Food 20-10-5	20.10		*8.27	*3.88
#Merion Blue Grass Lawn Food 20-10-5	20.02		11.93	5.65
Superfine Lawn Food 25-10-5	*23.40		10.21	4.97
Superfine Lawn Food 25-10-5	*22.90		*8.99	6.55
Geo. V. Seiple & Son Easton, Penna.				
8-32-16	11.10		*30.42	16.27
10-10-10	10.98		10.36	10.69
10-20-20	13.15		28.12	*10.36
12-24-12	13.40		23.10	12.91
15-10-10	14.50		13.47	11.79

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
The Sewerage Commission of the City of Milwaukee Milwaukee, Wisconsin				
Milorganite 6-3-0	6.17		3.04	
Smith-Douglass Company, Inc. Norfolk, Virginia				
#Cattle Manure 2-1-2	1.80		0.61	7.48
#Nutro Liquid 5-11-4	5.38		11.69	4.02
Lawn Food 10-6-4	10.15		7.08	4.66
Lawn Food 10-6-4	10.35		6.74	5.30
#Lawn Food 15-5-5	14.85		4.91	5.26
Lawn Food 15-5-5	15.15		5.33	5.48
#Nutro Crystals 23-21-18	23.00		21.44	16.93
Southwest Potash Corporation Sub. of American Metal Climax, Inc. New York, New York 10020				
#Hi-K Nitrate of Potash	13.70			44.37
Specialty Products Company Latty, Ohio				
#L & G 5-10-5	5.30		*8.91	5.16
Lawn & Garden Food 10-6-4	10.15		6.35	3.88
Spee-D-Gro Company Cleveland, Ohio				
Weed Killer & Lawn Food 6-10-4	7.25		10.12	*3.36
#Green Lawn Food 10-6-4	10.55		5.44	*3.17
Light Weight Lawn Food 20-10-5	20.40		10.96	5.02
#Light Weight Lawn Food 20-10-5	19.50		11.28	5.41
Spencer Chemical Division of Gulf Corporation Kansas City, Missouri				
Ammonium Nitrate 33.5%	33.70			
Ammonium Nitrate 33.5%	33.62			
Ammonium Nitrate 33.5%	34.40			
Ammonium Nitrate 33.5%	33.76			
The Stadler Fertilizer Company Cleveland, Ohio				
#Gard-N-Gro 4-12-4	4.42		11.60	4.54
#Triple XXX A.R.C. 6-10-4	6.00		9.74	3.77
#Triple XXX Summer Safe 6-10-4	6.03		10.29	5.43
#Triple XXX Ban-A-Weed Weed Killer & Lawn Food 6-10-4	5.90		10.57	5.35
#Triple XXX Rosemaker 7-8-5	7.30		8.74	5.35
#Triple XXX Evergreen 10-6-4	10.20		6.17	5.17
#Triple-X Lawn Food 10-6-4	11.25		5.70	3.85
#Triple XXX Lightweight Lawn Food 20-10-5	19.40		10.36	6.41
The Stanford Seed Company Buffalo, New York				
Weed & Feed 10-6-4 w/2,4D	10.75		6.16	4.75
Lawn & Plant 20-10-5	*18.85		*8.63	5.61
Summers Fertilizer Company, Inc. Baltimore, Maryland				
3-12-6	3.55		11.84	6.88
10-10-10	9.80		10.19	10.54
Swift & Company Agricultural Chemical Division Baltimore, Maryland				
#Red Steer 0-15-30 w/Borax			14.12	*28.64
Red Steer 0-20-20			19.50	20.39
Red Steer 0-20-20			19.96	19.62
Red Steer 0-20-20			19.36	21.22
Red Steer 0-20-20			20.03	*17.49
Red Steer 0-20-20			19.54	20.30

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Swift & Company - Continued				
Red Steer 0-20-20			*17.76	20.90
Red Steer 0-20-20			*17.57	22.67
Red Steer 0-20-20			19.67	19.51
Red Steer 0-20-20			20.56	*16.26
Red Steer 0-20-20			20.02	20.60
Pasturgro 3-16-16	3.00		*14.81	18.23
Red Steer 5-10-10	5.30		10.01	11.15
Red Steer 5-10-10	4.80		10.11	9.85
Red Steer 5-10-10	4.60		9.85	10.50
Red Steer 5-10-10	4.55		9.98	10.58
#Red Steer 5-10-10	4.80		9.89	9.67
Red Steer 5-10-10	5.00		10.05	10.22
Red Steer 5-10-10	4.80		9.93	10.88
Red Steer 5-10-10	4.80		9.86	9.93
Red Steer 5-10-10	5.05		10.09	10.25
Certified Formula for Grain 5-20-15	4.90		19.92	15.01
Certified Formula for Grain 5-20-15	5.15		19.71	14.54
Red Steer 5-20-20	4.95		20.42	*18.73
Red Steer 5-20-20	4.62		19.06	19.14
Red Steer 5-20-20	5.15		20.71	*17.48
Red Steer 5-20-20	4.72		*18.30	19.47
Red Steer 5-20-20	5.08		*18.60	20.52
Red Steer 5-20-20	4.80		20.72	20.08
Vigoro All Purpose 6-10-4	6.10		11.93	6.75
Vigoro All Purpose 6-10-4	5.80		10.65	3.85
Brimm 6-24-12	6.20		22.78	12.70
Brimm 6-24-12	6.00		24.37	*10.69
Red Steer 6-24-12	6.35		*22.48	13.02
Red Steer 6-24-12	6.02		23.76	12.57
Red Steer 8-16-16	7.75		*14.96	16.77
Red Steer 8-16-16	*7.51		16.69	15.34
Red Steer 8-16-16	7.75		15.98	15.64
Red Steer 8-16-16	7.39		*15.04	16.65
#Red Steer 10-6-4	10.40		6.57	4.69
Vigoro Turf Food for Professionals 10-6-4	10.13		6.79	3.78
Red Steer 10-10-10	9.50		10.50	10.28
Red Steer 10-10-10	*9.05		10.76	10.22
Red Steer 10-10-10	9.20		10.70	10.26
Red Steer 10-10-10	*8.80		10.27	11.33
Red Steer 10-10-10	*9.20		10.13	10.07
Red Steer 10-10-10	10.35		9.77	10.43
Red Steer 10-10-10	9.60		*9.02	11.02
Red Steer 10-10-10	9.90		10.08	9.61
Red Steer 10-10-10	10.20		9.62	10.19
Red Steer 10-10-10	9.60		10.21	10.55
Red Steer 10-20-20	*7.98		20.48	*18.44
Red Steer 10-20-20	10.02		20.09	20.60
Red Steer 10-20-20	9.65		19.76	20.35
Red Steer 10-20-20	9.70		*18.27	*19.24
Red Steer 12-12-12	*10.45		14.79	*10.50
Red Steer 12-12-12	11.57		12.45	12.50
Vitogro Lawn Weeder & Feeder 16-8-4	15.13		8.49	4.51
Certified Formula 16-8-8	*14.12		8.20	9.23
Certified Formula 16-8-8	*13.37		9.38	8.36
Red Steer 16-8-8	*14.95		8.02	9.15
Ammonium Nitrate 33.5%	34.20			
#Muriate of Potash 60%				*57.99
Tennessee Valley Authority c/o Pennsylvania Farm Bureau Coop. Assn. Harrisburg, Penna.				
High Analysis Phosphate 60%			*58.50	
High Analysis Phosphate 60%			59.80	
High Analysis Phosphate 60%			59.27	
High Analysis Phosphate 60%			57.97	
R. Thorpe & Sons Newtown, Penna.				
0-10-30			11.86	*26.89
0-15-15			14.24	18.83
0-15-15			14.99	14.60
#4-12-12	*1.93		13.11	17.24
4-12-12	4.00		11.82	15.33
#10-26-26	*8.25		*20.60	32.11
10-26-26	*9.24		*24.20	26.35
12-12-12	12.02		*10.52	12.87
16-8-8	*14.62		10.68	9.57

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Two Guys from Harrison Garfield, New Jersey				
Queen Turf 5-10-5	5.80		9.75	5.49
Queen Turf Flower & Vegetable 5-10-10	9.70		10.73	*6.83
Queen Turf Rose Food 7-10-5	8.60		9.54	5.66
#Queen Turf Hole-N-One Turf 10-3-7	10.30		5.27	7.27
Queen Turf 10-6-4	10.31		6.09	3.72
Queen Turf 10-6-4	10.22		5.99	4.03
Queen Turf Evergreen 10-10-10	*9.20		9.99	9.42
#Queen Turf Shrub & Tree 10-10-10	9.80		10.39	*9.02
Queen Turf Lawn Food 20-10-5	19.12		10.44	6.61
U. S. Borax & Potash Company c/o Pennsylvania Farm Bureau Coop. Assn. Harrisburg, Penna.				
Muriate of Potash 60%				59.94
Muriate of Potash 60%				60.27
Muriate of Potash 60%				60.65
U. S. Phosphoric Products c/o Pennsylvania Farm Bureau Coop. Assn. Harrisburg, Penna.				
Triple Superphosphate 46%			46.10	
U. S. Phosphoric Products Division of Tennessee Corporation Tampa, Florida				
Tencor Triple Superphosphate 46%			45.68	
Tencor Triple Superphosphate 46%			45.64	
Tencor Di-Mon 18-46-0	17.92		47.16	
Tencor Di-Mon 18-46-0	17.90		46.68	
United States Steel Corporation Pittsburgh, Penna.				
Ammonium Sulphate 21%	21.10			
Ammonium Sulphate 21%	21.10			
Ammonium Sulphate 21%	21.02			
Ammonium Sulphate 21%	21.04			
Ammonium Sulphate 21%	20.72			
Valu-Gro Corporation Princeton, New Jersey				
Garden Guild 5-10-5	5.20		9.70	9.53
Garden Guild 5-10-5	5.20		9.60	5.34
#Valu Gro 5-10-5	5.22		9.69	4.71
Virginia-Carolina Chemical Company Div. of Socony Mobil Oil Company, Inc. Baltimore, Maryland				
0-15-30			14.70	30.65
0-20-20			19.18	20.50
#0-46-0			46.90	
0-46-0			46.94	
0-46-0			47.16	
2-12-12	3.30		12.61	11.84
3-12-6	3.60		12.21	7.17
Vigilante 5-10-5	6.10		10.84	9.07
5-10-10	5.10		10.24	11.19
5-10-10	4.80		12.38	9.81
#5-10-10	4.77		10.13	9.72
5-10-10	5.35		9.75	10.47
5-10-10	5.07		10.07	10.35
Harvest King 5-10-10	4.75		10.77	11.03
#Harvest King 6-12-12	5.60		*10.25	12.29
8-16-16	8.00		*13.72	*14.43
Harvest King 8-16-16	7.25		15.41	15.60
#8-24-8	7.55		22.20	8.71
8-24-8	9.85		29.58	*2.40
8-24-8	*5.85		*17.64	13.73
8-24-8	*7.25		*18.64	10.67
Vitafol 10-6-4	10.00		6.65	4.25
10-10-10	*8.56		10.57	*9.06
10-10-10	*9.15		10.69	9.73

MANUFACTURER AND BRAND	NITROGEN	PHOSPHORIC ACID total	PHOSPHORIC ACID avail.	POTASH
Virginia-Carolina Chemical Corp. - Continued				
10-10-10	9.90		9.79	10.41
#10-20-10	9.80		*18.38	10.50
#Harvest King 10-20-10	*8.50		*18.17	11.07
10-20-20	*9.32		*16.66	*18.26
#Harvest King Starter 12-34-5	*8.40		*27.58	8.16
Harvest King Starter 12-34-5	*10.82		*32.60	4.94
Harvest King Starter 12-34-5	13.40		38.30	*2.96
16-8-8	*15.11		*6.96	9.19
16-8-8	15.50		8.48	8.10
#20-10-10	19.65		10.97	*8.67
Webbs Super Gro Products, Inc. Flemington, Penna.				
Plant Food & Soil Builder 0-25-25			*23.76	26.35
Super Gro 4-2-4	3.80		2.32	4.38
Super Gro 4-2-8	4.30		2.55	7.52
Super Gro 4-2-8	4.08		2.09	8.84
Super Gro 4-8-8	4.95		11.63	9.32
Plant Food & Soil Builder 5-10-10	4.90		11.36	*8.61
Plant Food & Soil Builder 8-16-16	8.02		16.12	17.18
Plant Food & Soil Builder 8-16-16	8.55		19.57	*12.94
Plant Food & Soil Builder 8-16-16	7.26		11.70	19.09
Plant Food & Soil Builder 8-24-8	7.55		*21.59	10.18
Plant Food & Soil Builder 8-24-8	7.40		*20.10	10.89
York Stone & Supply Company York, Penna.				
0-20-20			*18.38	21.37
#3-18-18	4.92		20.29	19.88
5-10-10	6.10		11.93	11.13
5-10-10	6.05		11.91	9.46
#5-15-5	9.55		17.53	*3.83
8-16-16	9.05		*13.29	18.36
10-10-10	12.20		*7.96	11.05
10-10-10	11.15		9.66	*8.99
15-10-10	16.55		*7.48	*6.90

AGRICULTURAL LIMING MATERIALS ANALYSES

oooOOooo

F - Found to be present.

G - Guaranteed to be present.

* - Deficient.

- Not registered when sampled.

LIMING MATERIALS

MANUFACTURER AND BRAND	CALCIUM OXIDE F	CALCIUM OXIDE G	MAGNESIUM OXIDE F	MAGNESIUM OXIDE G
Adams Agstone, Inc. R. D. 5, Hanover, Pa.				
Ag-Lime Limestone	42.23	36.00	*8.99	16.50
Ag-Lime Limestone	35.83	36.00	16.40	16.50
Commercial Limestone	33.19	33.40	18.46	12.00
Commercial Limestone	37.06	36.00	15.45	8.50
Agricultural Lime Company R. D. 1, Derry, Pa.				
Burned Lime	49.71	44.69	10.14	6.54
Pulverized Limestone	38.02	36.56	7.47	7.36
Allegheny Mineral Corporation Cowansville, Pa.				
Agricultural Limestone	51.14	49.50	0.62	0.50
Agricultural Limestone	53.97	49.50	0.43	0.50
Appalachian Stone Division Martin Marietta Corporation Mercersburg, Pa.				
Pineburg's Pulverized Limestone	44.90	45.00	7.39	6.00
Williamson's Pulverized Limestone	45.74	45.00	6.92	6.00
Williamson's Pulverized Limestone	44.63	45.00	5.65	6.00
Williamson's Pulverized Limestone	45.74	45.00	5.90	6.00
Baker Stone Company Bloomsburg, Pa.				
Burned Lime	82.24	80.00	1.15	1.00
Burned Lime	80.85	80.00	0.91	1.00
Hydrated Lime	63.47	60.00	1.25	1.00
#Hydrated Lime	61.05	60.00	1.48	1.51
Hydrated Lime	63.05	65.44	1.61	1.51
J. E. Baker Company York, Pa.				
Hy-Mag #20 Dolomite	33.56	30.00	20.10	20.00
Hy-Mag #20 Dolomite	32.96	30.00	19.66	20.00
Hy-Mag #20 Dolomite	30.95	30.00	19.70	20.00
Hy-Mag #20 Dolomite	43.91	30.00	20.47	20.00
Hy-Mag Meal	32.47	30.00	19.84	20.00
S. W. Barrick & Sons, Inc. Woodsboro, Md.				
Hydrated Lime	64.14	65.00	4.33	5.00
Hydrated Lime	62.50	65.00	6.48	5.00
Hydrated Lime	65.80	65.00	4.86	5.00
Basic Dolomite Agricultural Division of Basic, Inc. Cleveland, Ohio				
Agricultural Limestone	33.04	30.00	21.10	21.00
Agricultural Limestone	31.68	30.00	21.22	21.00
Agricultural Limestone	30.94	30.00	21.34	21.00
Belmont Limestone Company R. D. 1, Paradise, Pa.				
Agricultural Limestone	29.93	30.00	18.22	20.00
Agricultural Limestone	30.70	30.00	18.70	20.00
Bestwall Gypsum Company Ardmore, Pa.	Calcium Sulfate			
Agricultural Gypsum	78.15	70.00		
Bethlehem Mines Corporation Stone & Slag Division Bethlehem, Pa.				
Bridgeport Agricultural Limestone	27.80	25.70	18.36	17.50
David M. Burkholder, Inc. R. D. 3, Ephrata, Pa.				
Pulverized Limestone	51.44	36.00	*2.51	14.00
Pulverized Limestone	37.09	36.00	13.89	14.00

MANUFACTURER AND BRAND	CALCIUM OXIDE F	CALCIUM OXIDE G	MAGNESIUM OXIDE F	MAGNESIUM OXIDE G
Calcite Quarry Corporation R. D. 1, Lebanon, Pa.				
Agricultural Limestone	50.48	52.50	2.04	1.00
Agricultural Limestone	52.43	52.50	0.93	1.00
Dolomitic Agricultural Limestone	38.44	40.50	12.56	11.00
Dolomitic Agricultural Limestone	40.24	40.50	15.43	11.00
Calcium Stone Corporation Burnham, Pa.				
Pulverized Limestone	52.06	51.85	1.12	1.43
Pulverized Limestone	53.72	51.85	1.30	1.43
The Carbon Limestone Company Lowellville, Ohio				
Ground Agricultural Limestone	51.30	51.29	0.72	0.47
Lawn Garden Limestone	51.19	51.29	1.39	0.47
Lawn Garden Limestone	51.98	51.29	0.45	0.47
Pulverized Agricultural Limestone	55.92	51.29	0.72	0.47
Pulverized Agricultural Limestone	51.50	51.29	0.71	0.47
G. & W. H. Corson Plymouth Meeting, Pa.				
Agricultural Limestone Carbonates	31.09	28.00	19.96	20.00
Agricultural Limestone Carbonates	29.18	28.00	20.05	20.00
Agricultural Limestone Carbonates	28.15	28.00	20.16	20.00
Agricultural Limestone Carbonates	29.64	28.00	19.16	20.00
Dolomitic Pulverized Limestone	35.28	29.00	22.39	21.00
Dolomitic Pulverized Limestone	32.27	29.00	21.65	21.00
Dolomitic Pulverized Limestone	30.10	29.00	20.15	21.00
Dolomitic Pulverized Limestone	33.38	29.00	20.21	21.00
Prepared Lime for House & Garden	42.87	41.00	29.16	29.50
Prepared Lime for House & Garden	43.49	41.00	30.12	29.50
Irwin A. Dively Claysburg, Pa.				
Burned Lime	64.85	65.00	*0.27	1.20
D & S Lime Company R. D. 1, Baxter, Pa.				
Standard Ground Limestone	54.18	50.00	0.32	0.45
Standard Ground Limestone	50.62	50.00	0.18	0.45
Eastern Lime Corporation R. D. 2, Kutztown, Pa.				
#Pulverized Limestone	30.67	30.20	17.13	18.80
Pulverized Limestone	30.05	30.20	18.41	18.80
Ehrenzeller Lime Company R. D. 1, McVeytown, Pa.				
Burned Lime	78.03	80.00	1.12	0.73
Elkland Leather Company Div. of Tyoga Products Company Elkland, Pa.				
Cal-Org Soil Naturalizer	19.90	18.00	0.76	0.80
Evans-Roberts Company Norristown, Pa.				
Pulverized Agricultural Limestone	29.51	29.39	19.48	19.76
Pulverized Agricultural Limestone	29.35	29.40	18.44	19.80
Faylor Lime & Stone Company Winfield, Pa.				
Pulverized Limestone	*43.01	46.50	4.42	2.50
Pulverized Limestone	46.66	46.50	4.01	2.50
Pulverized Limestone	47.92	46.50	2.92	2.50
Pulverized Limestone	*44.06	46.50	2.95	2.50
Pulverized Limestone	47.09	46.50	2.49	2.50
Pulverized Limestone	46.20	46.50	2.80	2.50

MANUFACTURER AND BRAND	CALCIUM OXIDE F	CALCIUM OXIDE G	MAGNESIUM OXIDE F	MAGNESIUM OXIDE G
Flintkote Company M. J. Grove Lime Division Lime Kiln, Md.				
Agricultural Hydrated Lime	68.67	72.00	1.33	0.50
Agricultural Hydrated Lime	*67.00	72.00	1.36	0.50
Agricultural Hydrated Lime	71.78	72.00	0.77	0.50
Agricultural Hydrated Lime	73.44	72.00	0.62	0.50
Agricultural Hydrated Lime	72.67	72.00	0.75	0.50
Fulkroad Lime Quarry McAlisterville, Pa.				
Burned Ground Lime	64.72	65.00	1.39	2.00
Grove City Limestone Company Branchton, Pa.				
Limestone	52.76	50.00	0.62	---
Heritage House Products, Inc. Pittsburgh 19, Pa.				
Soil Sweetener Limestone	29.92	29.00	19.13	19.00
A. H. Hoffman, Inc. Landisville, Pa.				
Horticultural Hydrated Lime	60.31	60.00	0.88	1.00
Honey Creek Lime R. D., Reedsville, Pa.				
Ground Burnt Lime	75.41	75.00	*2.29	5.00
Ground Burnt Lime	76.30	75.00	*1.96	5.00
Hy-Grade Hydrated Lime	67.23	67.00	2.51	3.00
Hy-Grade Hydrated Lime	66.84	67.00	2.41	3.00
Hy-Grade Hydrated Lime	68.21	67.00	*1.93	3.00
Keystone Lime Company Springs, Pa.				
Pulverized Limestone	*47.55	50.00	1.09	0.50
Pulverized Limestone	51.50	50.00	0.64	0.50
Pulverized Limestone	51.09	50.00	0.57	0.50
David B. Knisely R. D. 1, Claysburg, Pa.				
Ground Burned Lime	69.79	70.00	5.79	1.80
Ground Burned Lime	72.73	70.00	3.56	1.80
Limestone Products Corporation of America Newton, N. J.				
Lime Crest (Garden Calcite)	44.66	42.00	5.50	2.00
Lime Crest Hydrated Lime for Agricultural Use	68.46	66.00	2.55	3.00
Lime Crest Hydrated Lime for Agricultural Use	70.20	66.00	3.24	3.00
Lime Crest Hydrated Lime for Agricultural Use	66.51	66.00	3.67	3.00
Lime Crest Pulverized Limestone	50.66	42.00	3.37	2.00
Lime Crest Pulverized Limestone	42.59	42.00	5.17	2.00
Locust Point Quarries, Inc. Route No. 1, Mechanicsburg, Pa.				
Pulverized Limestone	45.71	45.00	2.35	2.00
Pulverized Limestone	45.77	45.00	2.92	2.00
Lycoming Silica Sand Company (Milton Quarry) Montoursville, Pa.				
#Pulverized Limestone	51.92	40.00	*0.88	2.00
Pulverized Limestone	52.35	40.00	0.77	2.00
Pulverized Limestone	40.97	40.00	*0.76	2.00
Lycoming Silica Sand Company (Pine Creek Quarry) Montoursville, Pa.				
Pine Creek Pulverized Limestone	44.29	40.00	4.70	3.00
Pine Creek Pulverized Limestone	42.46	40.00	4.95	3.00

MANUFACTURER AND BRAND	CALCIUM OXIDE F	CALCIUM OXIDE G	MAGNESIUM OXIDE F	MAGNESIUM OXIDE G
Lycoming Silica Sand Co. (Pine Creek Quarry) Cont'd.				
Pine Creek Pulverized Limestone	41.55	40.00	5.30	3.00
Pine Creek Pulverized Limestone	39.75	40.00	4.02	3.00
Pulverized Limestone	*42.46	47.00	2.94	3.00
Pulverized Limestone	40.64	47.00	2.84	3.00
Macin, Inc. Ellwood City, Pa.				
Agricultural - Industrial Hydrated Lime	72.93	72.00	0.70	0.75
Agricultural - Industrial Hydrated Lime	72.16	72.00	0.77	0.75
Marble Cliff Quarries Company Columbus, Ohio				
Columbus Pulverized Limestone	50.56	49.90	3.65	3.82
Columbus Pulverized Limestone	49.57	49.90	4.71	3.82
Ivan M. Martin, Inc. Blue Ball, Pa.				
Compass Limestone	30.96	30.00	21.14	20.00
Compass Limestone	29.62	30.00	20.95	20.00
Compass Limestone	30.90	30.00	20.15	20.00
Compass Limestone	29.75	30.00	21.00	20.00
Limestone	41.82	43.00	6.93	5.50
Limestone	41.95	43.00	12.10	5.50
Mechtly Lime Works, Inc. Williamsport, Pa.				
Pulverized Limestone	54.86	54.00	0.69	0.43
Pulverized Limestone	55.05	54.00	0.55	0.43
Pulverized Limestone	54.64	54.00	0.25	0.43
Meckley's Limestone Products R. D. 1, Herndon, Pa.				
Pulverized Limestone	43.10	41.50	6.06	6.25
Pulverized Limestone	43.03	41.50	6.16	6.25
Pulverized Limestone	*35.04	41.50	8.45	6.25
Mercer Lime & Stone Company Branchton, Pa.				
Hydrated Tailings	63.41	63.00	2.52	0.80
Target Agricultural Hydrated Lime	72.28	70.00	0.73	0.80
Target Agricultural Hydrated Lime	70.20	70.00	0.83	0.80
H. E. Millard Lime & Stone Company Annville, Pa.				
Airfloated Pulverized Limestone	54.76	53.50	0.46	0.50
Airfloated Pulverized Limestone	54.34	53.50	0.54	0.50
Airfloated Pulverized Limestone	53.08	53.50	0.49	0.50
Airfloated Pulverized Limestone	53.00	53.50	0.49	0.50
Airfloated Pulverized Limestone	53.22	53.50	0.56	0.50
Airfloated Pulverized Limestone	54.94	53.50	0.37	0.50
Airfloated Pulverized Limestone	52.65	53.50	0.61	0.50
Airfloated Pulverized Limestone	54.82	53.50	0.44	0.50
Airfloated Pulverized Limestone	53.94	53.50	0.46	0.50
Airfloated Pulverized Limestone	53.97	53.50	0.49	0.50
Airfloated Pulverized Limestone	54.05	53.50	0.72	0.50
Airfloated Pulverized Limestone	54.05	53.50	0.67	0.50
Modern Ground Burnt Lime	*68.92	85.00	1.04	1.00
Modern Hydrated Lime	71.30	71.00	0.55	1.00
Modern Hydrated Lime	72.00	71.00	0.91	1.00
Modern Hydrated Lime	71.48	71.00	0.96	1.00
Modern Pulverized Lime	90.68	92.00	1.15	1.20
Modern Pulverized Lime	*88.47	92.00	1.22	1.20
Sweet Arrow Hydrated Lime	71.94	70.00	0.95	1.00
Sweet Arrow Hydrated Lime	71.73	70.00	0.86	1.00
Sweet Arrow Hydrated Lime	70.16	70.00	0.81	1.00
Sweet Arrow Hydrated Lime	71.08	70.00	0.79	1.00
Sweet Arrow Hydrated Lime	71.19	70.00	0.80	1.00
Sweet Arrow Hydrated Lime	70.39	70.00	1.02	1.00
M & M Lime Company R. D. 2, Dayton, Pa.				
Limestone	52.98	50.00	0.66	0.50

MANUFACTURER AND BRAND	CALCIUM OXIDE F	CALCIUM OXIDE G	MAGNESIUM OXIDE F	MAGNESIUM OXIDE G
Narehood Brothers, Inc. Tyrone, Pa.				
Pulverized Limestone	51.98	50.00	1.34	0.60
Pulverized Limestone	50.85	50.00	1.15	0.60
National Gypsum Company Buffalo, N. Y.				
Agricultural Pulverized Limestone	54.97	54.00	0.41	0.50
Agricultural Pulverized Limestone	54.48	54.00	0.44	0.50
Hydrated Lime for Agricultural Use	73.58	72.00	0.67	0.50
Hydrated Lime for Agricultural Use	72.79	72.00	0.82	0.50
Hydrated Lime for Agricultural Use	69.49	72.00	0.84	0.50
Hydrated Lime for Agricultural Use	72.45	72.00	0.70	0.50
Hydrated Lime for Agricultural Use	71.92	72.00	0.64	0.50
Hydrated Lime for Agricultural Use	73.01	72.00	0.51	0.50
Hydrated Lime for Agricultural Use	71.26	72.00	0.73	0.50
Hydrated Lime for Agricultural Use	72.24	72.00	0.59	0.50
Hydrated Tailings	66.57	50.00	0.71	0.50
Hydrated Tailings	50.89	50.00	0.58	0.50
Pulverized Limestone	52.04	52.00	3.24	2.00
Pulverized Limestone	53.93	52.00	6.38	2.00
Pulverized Limestone	51.96	52.00	4.00	2.00
Pulverized Limestone	53.81	52.00	2.14	2.00
Pulverized Limestone	53.94	52.00	2.69	2.00
Pulverized Limestone	54.16	52.00	*0.61	2.00
Pulverized Limestone	51.61	52.00	4.21	2.00
Pulverized Limestone	52.62	52.00	9.57	2.00
Pulverized Limestone	54.04	52.00	0.70	2.00
Superfine Hydrated Lime for Spraying & Dusting	72.50	72.00	0.61	0.50
Superfine Hydrated Lime for Spraying & Dusting	73.44	72.00	0.45	0.50
	Calcium Sulfate			
Agricultural Gypsum (Land Plaster)	78.46	70.00	0.50	---
Agricultural Gypsum (Land Plaster)	75.45	70.00	0.98	---
National Limestone Quarry Middleburg, Pa.				
Ground Limestone	46.17	40.00	1.62	0.90
Neidigh Brothers Limestone Company, Inc. State College, Pa.				
Pulverized Limestone	50.45	50.00	2.48	1.50
Pulverized Limestone	49.91	50.00	1.47	1.50
New Enterprise Stone & Lime Company, Inc. New Enterprise, Pa.				
Fort Bedford Hydrated Lime	70.34	70.00	5.11	2.50
Fort Bedford Hydrated Lime	69.86	70.00	5.87	2.50
Fort Bedford Pulverized Limestone	41.97	43.52	8.80	6.49
Fort Bedford Pulverized Limestone	45.50	43.52	6.26	6.49
Fort Bedford Pulverized Limestone	44.29	43.52	6.46	6.49
Fort Bedford Pulverized Limestone	43.84	43.52	*4.80	6.49
Path Valley Pulverized Limestone	52.87	51.00	1.99	0.70
Path Valley Pulverized Limestone	*47.84	51.00	3.11	0.70
Path Valley Pulverized Limestone	*47.83	51.00	2.91	0.70
New Jersey Zinc Company R. D. 1, Center Valley, Pa.				
#Dolomitic Limestone	24.84	24.00	*15.37	16.50
Dolomitic Limestone Tailings	27.07	24.00	15.56	16.50
Dolomitic Limestone Tailings	25.18	24.00	14.03	16.50
Niverton Lime Company R. D. 1, Salisbury, Pa.				
Burned Lime	66.86	67.00	3.14	2.73
Burned Lime	*61.02	67.00	2.48	2.73
Ohio Lime Company Woodville, Ohio				
Alka-Mag Pulverized Limestone	30.42	30.64	21.65	21.22
Ohio Hydrated Lime	47.10	46.95	33.10	33.98
OHSO Pulverized Limestone	30.94	30.64	21.87	21.22

MANUFACTURER AND BRAND	CALCIUM OXIDE F	CALCIUM OXIDE G	MAGNESIUM OXIDE F	MAGNESIUM OXIDE G
Royer Lime Quarry R. D. 2, Milton, Pa.				
Burned Lime	71.73	70.20	1.12	1.27
Burned Lime	70.78	70.20	1.27	1.27
#Ground Limestone	47.19	45.00	*0.75	2.00
Ground Limestone	48.49	45.00	*0.66	2.00
Sproul Lime & Stone Company Claysburg, Pa.				
Pulverized Limestone	52.52	52.90	1.50	0.69
Pulverized Limestone	51.68	52.90	1.56	0.69
Standard Lime & Cement Company Division of Martin-Marietta Baltimore, Md. 21203				
Cal-Ag Pulverized Limestone	50.14	50.00	0.37	0.60
Cal-Ag Pulverized Limestone	57.59	57.00	0.98	0.60
Washington Agricultural Hydrate Lime	65.80	66.00	0.88	0.70
Washington Agricultural Hydrate Lime	65.99	66.00	0.86	0.70
Clyde Starook Northumberland, Pa.				
Burned Lime	62.07	60.00	1.12	0.99
Burned Lime	61.24	60.00	1.08	0.99
Sugar Hill Limestone Company Reynoldsville, Pa.				
Limestone	*45.66	50.00	0.67	0.75
Switzer Brothers Limestone Company Fairmont City, Pa.				
Limestone	50.12	49.50	0.43	0.50
Thomasville Stone & Lime Company Thomasville, Pa.				
Ground Limestone	47.51	49.00	6.57	5.00
Super-fine Pulverized Limestone	54.94	53.50	1.48	1.50
Super-fine Pulverized Limestone	54.05	53.50	0.93	1.50
United States Gypsum Company Chicago, Ill.				
Ben Franklin Agricultural Gypsum	32.14	30.00		
United States Steel Corporation Buffalo, N. Y.				
Calcite Michigan Limestone	54.97	54.00	*0.30	1.00
Calcite Michigan Limestone	54.05	54.00	0.67	1.00
Michigan Do-Cal Blend	46.94	45.50	7.94	7.50
Michigan Do-Cal Limestone	50.66	45.50	*4.42	7.50
Valley Quarries, Inc. R. D. 5, Chambersburg, Pa.				
Limestone	44.63	42.00	*1.85	4.00
Limestone	47.32	42.00	*1.74	4.00
Warner Company Philadelphia, Pa.				
Alfalfa Pulverized Limestone	54.86	53.80	0.76	0.50
Alfalfa Pulverized Limestone	56.66	53.80	0.42	0.50
Alfalfa Pulverized Limestone	57.36	53.80	0.49	0.50
Alfalfa Pulverized Limestone	53.17	53.80	0.76	0.50
Bald Eagle Hydrated Lime	72.38	70.00	0.91	0.70
Bald Eagle Hydrated Lime	72.39	70.00	0.83	0.70
Bald Eagle Hydrated Lime	73.32	70.00	0.75	0.70
Bald Eagle Hydrated Lime	71.89	70.00	0.62	0.70
Bell-Mine Ground Lime	*87.65	94.00	1.06	0.90
Bell-Mine Ground Lime	94.01	94.00	0.91	0.90
Bell-Mine High Calcium Hydrated Lime	72.18	72.00	0.81	0.70
Bell-Mine High Calcium Hydrated Lime	72.14	72.00	0.54	0.70

MANUFACTURER AND BRAND	CALCIUM OXIDE F	CALCIUM OXIDE G	MAGNESIUM OXIDE F	MAGNESIUM OXIDE G
Warner Company - Continued				
Bell-Mine Limestone-Pulverized	54.75	53.80	0.82	0.50
Bell-Mine Limestone-Pulverized	59.84	53.80	0.46	0.50
Bell-Mine Pulverized Lime	89.39	94.00	1.12	0.90
Bell-Mine Pulverized Lime	91.18	94.00	0.85	0.90
Ground Burned Lime	55.40	54.00	*36.98	39.00
Ground Burned Lime	54.18	54.00	35.82	39.00
High Magnesium Hydrated Lime-Superfine	46.01	45.80	31.50	32.20
High Magnesium Hydrated Lime-Superfine	45.62	45.80	30.26	32.20
High Magnesium Limestone Pulverized	29.17	29.00	20.91	21.00
High Magnesium Limestone Pulverized	31.88	29.00	20.50	21.00
High Magnesium Limestone Pulverized	29.11	29.00	20.13	21.00
Hydrated Lime Tailings	69.17	69.00	1.35	0.90
Hydrated Lime Tailings	74.18	68.00	0.81	0.90
Limoid	46.24	45.50	30.32	32.00
Limoid	45.78	45.50	*30.75	32.00
Limoid	45.37	45.50	29.78	32.00
Winfield Lime & Stone Company, Inc. West Winfield, Pa.				
#Agricultural Limestone	51.20	51.00	0.63	0.75
York Stone & Supply Company York, Pa.				
Ground Limestone	51.77	50.50	5.08	3.00
Ground Limestone	54.05	50.50	2.91	3.00

DIRECTORY SECTION

LIST OF REGISTRANTS UNDER

PENNSYLVANIA COMMERCIAL FEED LAW FOR 1965

Abbott Laboratories, Chemical Marketing Department, 1400 Sheridan Road, North Chicago, Ill.
Abbottstown Grain & Feed Store, Abbottstown, Pa.
Ackermanville Milling Company, Ackermanville, Pa.
Acme-Evans Company, Inc., 902 West Washington Avenue, Indianapolis, Ind. 46204
Acme Markets, Inc., 124 North 15th Street, Philadelphia 2, Pa.
Acton, Inc., P. O. Box 368, Dunnellon, Fla. 32630
Adams County Farm Bureau Coop. Assn., 107 North Washington Street, Gettysburg, Pa.
Adams Packing Association, Inc., Auburndale, Fla.
Agricultural Division, Hoffman-La Roche, Inc., Nutley, N. J.
Agriproducts, Inc., 601 Rockwell Avenue, Cleveland, Ohio 44114
Agrolime Company, Cove Point, Md.
Agway, Inc., Feed Division, 560 Delaware Avenue, Buffalo, N. Y. 14240
Agway, Inc., Box 1197, Dillerville Road, Lancaster, Pa.
Agway, Inc., Ber-Nesco Service, Box 253, Nescopeck, Pa.
Agway, Inc., Box 125, Springville, Pa.
Agway, Inc., Temple, Pa.
Ajax Dog Food Company, 49 Pine Street, Dedham, Mass.
Albers Milling Company, Div. of Carnation Company, 5045 Wilshire Boulevard, Los Angeles, Calif.
Albright's Mill, Kempton, Pa.
Albumina Supply Company, Inc., 66 Beaver Street, New York, N. Y. 10004
Algea Produkter A.S., Sea-Born Mineral Div. of Skod Company, 15 E. Elm St., Greenwich, Conn.
All-In-One Feeds, Inc., Eagle, Mich.
Allegheny Fur Feeds, Inc., R. D. No. 1, Portage, Pa. 15946
Allen Products Company, Inc., R. D. No. 3, Allentown, Pa. 18104
E. T. Allen Company, P. O. Box 5317 Station "E", Atlanta 1, Ga. 30307
Allied Food Distributors, Inc., P. O. Box 2928 Station D, Atlanta 18, Ga.
Allied Mills, Inc., Chicago, Ill.
Altenwald Elevator Company, R. D. No. 2, Waynesboro, Pa.
Howard F. Althouse, Mohrsville and Centerport, Pa.
George Altman's Mills, Inc., Market Street, Saltsburg, Pa.
Alver Brothers Company, Milford, Ill.
The Amburgo Company, Inc., 1315 Walnut Street, Philadelphia, Pa.
Amdal Company, Agricultural Division, Abbott Laboratories, 1400 Sheridan Rd., North Chicago, Ill.
The American Agricultural Chemical Company, 100 Church Street, New York 7, N. Y. 10007
American Crystal Sugar Company, 600 Boston Building, Denver, Colo.
American Cyanamid Company, P. O. Box 400, Princeton, N. J.
American Distilling Company, South Front Street, Pekin, Ill.
American Feed Company, Inc., W 177th St. & Harlem River, Bronx, N. Y. 53, N. Y.
American Maize-Products Company, 250 Park Avenue, New York, N. Y. 10017
The American Sugar Refining Company, Franklin Sugar Refinery, Foot of Reed St., Philadelphia, Pa.
American Zinc Sales Company, P. O. Box 327, Columbus 16, Ohio
Harry Amos Coal & Feed, Fairview, Pa.
Anchor Serum Company, 1101 Kentucky Avenue, Indianapolis, Ind.
S. T. Andersen & Son, Sugar Grove, Pa.
Anderson Brothers, New Park, Pa.
Anderson Feed Company, Hungerford, Pa.
Anderson Feed & Supply, 1301 Main Street, Brockway, Pa.
Andre & Son, P. O. Box 157, Montrose, Pa. 18801
H. O. Andrews & Sons, Mapleton Depot & Meveytown, Pa.
Anheuser-Busch, Inc., 721 Pestalozzi Street, St. Louis 18, Mo. 63118
Animal Foods, Inc., 3227 North 31st Street, Milwaukee, Wis. 53216
Animal Nutritionists, Inc., P. O. Box 305, 1 Spring Street, Hamilton, N. Y. 13348
George M. Anthony & Sons Milling Company, Inc., Strausstown, Pa.
Anvil Mineral Products Corp., Box 297, Bay Springs, Miss.
Apollo Milling Company, 201 North Second Street, Apollo, Pa.
A & R Pet Food Company, 91 Holt Street, Buffalo, N. Y. 14206
Arbogast & Bastian, Inc., 19 Hamilton Street, Allentown, Pa.
Archer-Daniels-Midland Company, P. O. Box 532, 700 Investors Building, Minneapolis, Minn. 55440
Ardmore Seed Store, 570 Lancaster Avenue, Bryn Mawr, Pa.
Arenel Farms, 459 Main Street, Shoemakersville, Pa.
The Arkansas Rice Growers Coop. Assn., Stuttgart, Ark.
Armour & Company, 100 South Wacker Drive, Chicago, Ill.
John W. Arnold, Cocolamus, Pa.
Arundel Feed Corporation, P. O. Box 3452, Baltimore 26, Md. 21226
Associated Grocers of Central Pennsylvania, 600 Arsenal Road, York, Pa.
Associated Hardware Supply Company, Pittsburgh, Pa. 15220
Athens Agway Cooperatige Inc., 100 North Main Street, Athens, Pa.
Atlantic Processing Company, Drawer 248, Amagansett, N. Y.
Austin Dog Food Division, Sunshine Biscuits, Inc., 29-10 Thomson Avenue, Long Island City, N. Y.
Nelson L. Baer, R. D. No. 3, Shippensburg, Pa.
Raymond J. Baer, R. D. No. 4, Waynesboro, Pa.
Bahn's Mill, Inc., R. D. No. 1, Windsor, Pa.
Hoke Bair Company, Hanover, Pa.
H. J. Baker & Brother, Inc., 733 Third Avenue, New York 17, N. Y.
A. J. Balshi, Inc., 4th Street & Fisher Avenue, Catawissa, Pa.
D. G. Bamford Milling Company, 101 Prospect Street, Midway, Pa.
Banner Milling Company, 24 West Church Street, Fairchance, Pa. 15436
Bannock Food Company, Inc., Esco Building, East Biddle Street, West Chester, Pa.
Barker, Moore & Mein Company, Inc., 713 Walnut Street, P. O. Box 18, Lebanon, Pa.
Barlieb's Feed & Grain Service, Kunkletown, Pa.
S. C. Barnes & Son, Inc., Starrucca, Pa.
Walter L. Barnhardt, Llewellyn, Pa.
Bashore & Moore, R. D. No. 1, Box 251-A, Pottsville, Pa.
The Baugh Chemical Company, 1701 South Delaware Avenue, Philadelphia 48, Pa.
Bay State Milling Company, P. O. Box 562, Camp Hill, Pa.
Bay State Milling Company, Winona, Minn.
Beachley-Hardy Seed Company, Shiremanstown, Pa.

Beacon Feeds, Beacon Division of Textron, Inc., Cayuga, N. Y.
Bean Brothers, Hayts Corners, N. Y.
Beaver Meadow By-Products, Inc., 409 Maple Avenue, DuBois, Pa.
Beck's Feed & Grain, Inc., Railroad Street, Kutstown, Pa.
Bedford Farm Bureau Coop. Assn., Bedford and Everett, Pa.
H. J. Behrens, 799 Crums Mill Road, Harrisburg, Pa.
Bellefonte Feed and Grain, Box 97, Bellefonte, Pa. 16823
Belleville Flour Mills Company, Belleville, Pa.
The Belt Seed Company, 200 East Pratt Street, Baltimore 2, Md.
C. E. Benfirld Company, Perkasie (Walnut Street), Pa.
Benton Roller Mills, Benton, Pa.
C. R. Berger, Trout Run, Pa.
Berks-Lehigh Cooperative Fruit Growers, Inc., 130 Locust St., Fleetwood, Pa.
B. A. Bernard & Company, Inc., 2000 Block S. 6th Street, Camden 4, N. J.
Bert's Feed and Farm Supply, R. D. No. 1, Shippensburg, Pa.
Best Dog Food Company, 447 Timpson Place, New York 55, N. Y.
Best Feeds & Farm Supplies, Inc., Oakdale, Pa. 15071
J. F. Biesecker & Sons, R. D. No. 2, Thomasville, Pa.
Big 4 Feed Company, Box 71, Independence, Iowa
Big Run Milling Company, Big Run, Pa.
Big Valley Feed & Grain Company, P. O. Box 5816, Belleville, Pa. 17004
Biglerville Warehouse Company, Biglerville, Pa.
Bio-Zyme, Inc., R. D. No. 1, Hospers, Iowa
The Birkett Mills, Main Street, Penn Yan, N. Y.
Bishop Processing Company, Bishop, Md.
Blairsville Feed & Supply, 156 West Market Street, Blairsville, Pa.
Paul E. Blass, R. D. No. 1, Paxinos, Pa.
Blatchford Calf Meal Company, 2 East Madison Street, Waukegan, Ill.
Blend & McGinnis, Atglen, Pa.
Blenda Life, Inc., Green Isle, Minn.
Blinn Milling Company, R. D. No. 5, Butler, Pa.
Bloomsburg Agway Cooperative, Inc., Bloomsburg, Pa.
Blue River Feed Mills, Inc., Edinburg, Ind.
B & M Farms & Milling Company, R. D. No. 1, Pottsville, Pa.
Boardman's Mill, R. D. No. 1, Pittsfield, Pa.
Bohner Feed and Supply, R. D. Box 33, Dornsife, Pa.
William H. Bohner, Pillow, Pa.
Boonton Feed and Supply Company, 487 Division Street, Boonton, N. J.
The Borden Company, 350 Madison Avenue, New York 17, N. Y. 10017
The Boswell Company, Box 11696, Atlanta 5, Ga. 11696
Bowser's Feed Store, Worthington, Pa.
Brandt Mills, Inc., Mifflinville, Pa.
Brandt Mills, Inc., R. D. No. 2, Orangeville, Pa.
Gurney D. Brandt & Sons, 830 Maple Street, Lebanon, Pa.
Harold C. Brandt, West Queen Street, Annville, Pa.
A. F. Brandt's Sons, R. D. No. 1, Elizabethtown, Pa.
Brandt's Warehouse, East Berlin, Pa.
Braun Baking Company, 1700 Island Avenue, Pittsburgh 33, Pa. 15233
Carroll Braun, Meadow Ridge Road, Elkridge 27, Md. 21227
Braun Rendering Company, Inc., 2008 Ontario Avenue, Baltimore 30, Md. 21230
James Breckenridge Feed Mills, 221 Colonial Lane, Mason City, Iowa
Bremco Alfalfa Mills, Inc., P. O. Box 96, New Bremen, Ohio
E. L. Brenner & Sons, R. D. 1, Box 104, East Berlin, Pa.
Briar Creek Mills, Briar Creek, Pa.
Bristol Garden Products Company, Front & Bainbridge Streets, Philadelphia 47, Pa. 19147
Brown & Fassett, 33 Bridge Street, Tunkhannock, Pa.
Brown-Forman Distillers Corporation, 1908 Howard Street, Louisville, Kentucky
Brown Molasses Company, Inc., P. O. Box 304, North Webster, Ind.
Brown & Rea, Atglen, Pa.
F. M. Brown's Sons, Inc., 125 South Furnace Street, Birdsboro, Pa. 19508
Bryn Mawr Feed & Seed Company, Lancaster Avenue, Bryn Mawr, Pa.
The Buckeye Cotton Oil Division, The Buckeye Cellulose Corp., 301 E. Sixth St., Cincinnati, Ohio
Buckeye Feed Mills, Inc., Dalton, Ohio
S. S. Buckwalter, Inc., East Bridge Street, Spring City, Pa.
Buddy's Dog & Puppy Food, Box 188, Meadville, Pa.
The Albert H. Buehrle Company, 754 Tod Avenue, Youngstown, Ohio
Robert Buist Company, 4 South Front Street, Philadelphia, Pa. 19105
Bumble Bee Seafoods, Div. of Castle & Cooke, Inc., P. O. Box 60, Astoria, Oregon
L. T. Burleson, 69 Pearl Street, Port Allegany, Pa.
W. Atlee Burpee Company, 18th & Hunting Park Avenue, Philadelphia 32, Pa. 19132
Butler Farm Bureau Coop. Assn., 205 South Monroe Street, Butler, Pa.
B.V.M. Supply Company, 33 Old Mill Road, Box 276, Ephrata, Pa.
B & W Canning Company, Inc., Broad Street, P. O. Box 98, Groveland, Fla.
By-Products, Inc., P. O. Box 1411, Wilmington, Del.
Caf-Melk Company, R. D. No. 1, Thomasville, Pa.
Calo Pet Food Company, Inc., 1755 Embarcadero, P. O. Box 4077 Bay Shore Station, Oakland, Calif.
Calvert Milling Company, Hoytville, Ohio
Camden Grain Company, 1709 Kossuth Street, Camden, New Jersey
Camp Milling Company, Inc., 34 Howell Street, Walton, N. Y.
Harry T. Campbell Sons' Corporation, Campbell Building, Towson, Md. 21204
Campbell's Mill, R. D. No. 3, Lewisburg, Pa.
D. M. Campsey-Seed and Feed, Claysville, Pa.
Canada and Dominion Sugar Company, Ltd., Chatham, Ontario, Canada
James N. Canfield, Star Route, Stroudsburg, Pa.
Canine Caterers, Inc., 117 West Lancaster Avenue, Paoli, Pa.
Canine Food & Products Company, 2000 Block South 6th Street, Camden 4, N. J.
Canonsburg Milling Company, Inc., 1 North Central Avenue, Canonsburg, Pa.
Canton Agway Cooperative, Inc., Box 6, Canton, Pa. 17724
Canton Coop. G.L.F. Service, Inc., Box 6, Canton, Pa. 17724
Capital Bakers, Inc., 58 North 13th Street, Harrisburg, Pa.
Capland Grain Company, Inc., 1125 Old North Point Road, Baltimore 22, Md. 21222

A. B. Caple Company, Oregon Road, Station A Box 27, Toledo 5, Ohio 43605
Stanley Capron, R. D. No. 1, Milford, N. J.
The Carbon Limestone Company, Lowellville, Ohio
Cargill, Inc., 200 Grain Exchange, Minneapolis 15, Minn. 55402
Carling Brewing Company, 9400 Quincy Avenue, Cleveland 6, Ohio
Carmichaels Milling Company, South Vine Street, Carmichaels, Pa.
Carnation Company, 5045 Wilshire Boulevard, Los Angeles, Calif.
W. D. Carpenter Company, Inc., 111 Irving Avenue, Syracuse, N. Y. 13210
J. Norris Carr, 147 West King Street, Malvern, Pa.
Catawissa Milling Company, 101 Main Street, Catawissa, Pa. 17820
Cat Life Packing Company, 18 South Michigan Avenue, Chicago 5, Ill.
Central Chemical Corporation, Gettysburg, Pa.
Central Grain Company, Ltd., 172 Archibald Street, St. Boniface, Manitoba, Canada
Central Grain and Malting Company, 101 South Downing Street, Piqua, Ohio
Central Nebraska Packing Company, Box 550, North Platte, Neb.
Central Soya, McMillen Feed Division, 300 Fort Wayne Bank Building, Fort Wayne, Ind. 46802
Chambers & Smith, R. D., West Grove, Pa.
Chapman Store-Agway, Inc., R. D. No. 1, Wescosville, Pa.
Chatham Run Mill, R. D. No. 1, Lock Haven, Pa.
Chef Pet Foods, Inc., Route No. 3, Delavan, Wis.
Chelsea Milling Company, North Street, Chelsea, Mich.
Cherven's Industries, Inc., 2655 Transit Road, Elma, N. Y.
Carroll E. Chinault, 14 North Walnut Street, Mechanicsburg, Pa.
Christiano Alfalfa Milling Company, Cuylerville, N. Y.
H. C. Christians Company, 1325 West 15th Street, Chicago, Ill.
Ciba Pharmaceutical Products, 556 Morris Avenue, Summit, N. J.
Citrus Feed Company, P. O. Box 513, Lakeland, Fla.
Citrus Products Sales, Minute Maid Corporation, Orlando, Fla.
CK Processing Company, P. O. Box 396, Muscatine, Iowa
Clarion Farm Bureau, P. O. Box 389, Clearion, Pa.
Clarks Feed Mills, R. D. No. 2, Shamokin, Pa.
Claypoole Liquifeed Supplement, R. S. Claypoole, 218 Bear Creek Road, Sarver, Pa. 16055
The J. M. Clayton Company, Commerce Street, Cambridge, Md. 21613
Clinton Corn Processing Company, Box 340, Clinton, Iowa 52733
Clintondale Mills, R. D. 1, Mill Hall, Pa.
Clofine Dairy Products, Inc., 514 Guarantee Trust Building, Atlantic City, N. J.
Clover Farm Stores Corporation, Cleveland, Ohio
Clymer Sales Company, Inc., Point Pleasant, Pa.
John S. Clymer, R. D. No. 3, Quakertown, Pa.
Cochecton Mills, Inc., Cochecton, N. Y.
Cochranton Cooperative Assn., Cochranton, Pa.
Cocke and Company, 208 William-Oliver Building, Atlanta, Ga. 30303
Codorus & Manheim Farmers Ass'n., Inc., Glenville, Pa.
A. Coebler, Jr., Whitehouse Station, N. J.
H. C. Cole Milling Company, Water Street, Chester, Ill.
Columbia Animal Foods Company, Inc., Box 69, Berwick, Pa.
Columbus Milling Company, Columbus, Pa.
Commercial Solvents Corporation, 260 Madison Avenue, New York 16, N. Y. 10016
Conewago Roller Mills, Route No. 1, York Haven, Pa. 17370
Conewango Valley Mills, Main Street, Route No. 62, Conewango Valley, N. Y.
Consolidated Mills, Inc., Box 5, Blissfield, Mich.
Consolidated Rendering Company, 178 Atlantic Avenue, Boston, Mass. 02110
Cooperative Feed Dealers, Inc., Kattleville Road, Chenango Bridge, N. Y.
Cooperative Mills, Inc., 2101 East Fort Avenue, P. O. Box 1436, Baltimore 30, Md. 21203
H. Corby Distillery Ltd., Corbyville, Ontario, Canada
Corn Products Company, 717 Fifth Avenue, New York 22, N. Y. 10022
Cornplanter Industries, 102-104 Pennsylvania Avenue E., Warren, Pa. 16365
Corry Agway Coop. Service, Inc., 929 Pennsylvania Avenue, Corry, Pa.
Coudersport Coop. G.L.F. Service, Inc., South Main Street, Coudersport, Pa.
Country Best Foods, Agway, Inc., Terrace Hill, Ithaca, N. Y.
Cove Dehydrating Plant, R. D. No. 1, Martinsburg, Pa.
Cresson Feed Mill, Inc., 402 Second Street, Cresson, Pa.
W. S. Crock & Sons, Nicholson, Pa.
Crouse Chinchilla Farm, R. D. No. 1, Stafford Springs, Conn. 06076
Crowley's Milk Company, Inc., 145 Conklin Avenue, Binghamton, N. Y.
Crown Prince Dog Food Company, Box 754, North Platte, Neb.
Cumberland Valley Coop. Assn., Shippensburg, Pa.
Curry Supply Company, Curryville, Pa.
John K. Curry & Sons, 338 North Railroad Street, Palmyra, Pa.
Curry's Coal, Feed & Garden Supplies, 810 West Chocolate Avenue, Hershey, Pa.
Dad's Dog Foods, Inc., P. O. Box 451-D, Mill & Clay Streets, Meadville, Pa.
Dad's Products Company, Box 451-D, Meadville, Pa.
Daffin Manufacturing Division, Daffin Corporation, Lancaster, Pa.
Dairy Association Company, Inc., Lyndonville, Vermont
Darling & Company, 4201 Ashland Avenue, Chicago, Ill.
William M. Daulton, 127 East Walnut Street, Lancaster, Pa.
Davis Feed Mill, Rushland, Pa.
Dawe's Laboratories, Inc., 4800 S. Richmond Street, Chicago 32, Ill. 60632
Dawnwood Farms, Inc., Amenia, N. Y.
Dawson Cotton Oil Company, North Main Street, Dawson, Ga. 31742
Dayette Mills, R. D. No. 1, Newark, Del.
DCA Food Industries, Inc., 27 Frederick Road, Ellicott City, Md.
Dean & Lee, Chemung Street, Horseheads, N. Y.
Decatur Cotton Oil Company, 2 West Moulton Street, Decatur, Ala.
Deep Run Packing Company, Box 27, Dublin, Pa.
DeGroft Feed & Farm Supply, Box 153, Littlestown, Pa.
Deibert Feed Service, Bedford, Pa.
The Delphos Soya Products Company, 234 South Jefferson Street, Delphos, Ohio
Delta Products Company, P. O. Box 218, Wilson, Ark.
L. J. Denlinger Company, Paradise, Pa.
Denmendale Farms, Route No. 1, Cortland, Ohio

Derstine's Hatchery & Feed, R. D. No. 1, Box 4, Harleysville, Pa.
Detrich's Elevator, Williamson, Pa.
DeWald's Mill, 555 East 7th Street, Bloomsburg, Pa.
Diamond Crystal Salt Company, 916 South Riverside Avenue, St. Clair, Mich.
Diamond Laboratories, Inc., 2538 South East 43rd Street, Des Moines, Iowa
Diamond Milling Company, Inc., 313 5th Avenue, New Brighton, Pa.
Diamond V Mills, Inc., 436 G. Avenue, N. W., Cedar Rapids, Iowa
M. Arthur Diehl & Son, R. D. No. 3, Shippensburg, Pa.
Dietrich & Gambrill, Inc., P. O. Box 390, Lewisburg, Pa.
Dietrichs Milk Products, 100 McKinley Avenue, Reading, Pa.
Dillsburg Grain & Milling Company, Dillsburg, Pa.
T. M. Dinsmore & Company, Inc., 3520 O'Donnell Street, Baltimore 24, Md.
Doane Feed Products Company, P. O. Box 879, Joplin, Mo.
Docktor's Laboratories, Inc., 1630 Market Street, Philadelphia, Pa.
Dog Food Associates Division, Thirvo Company, Inc., 919 N. Front St., Philadelphia, Pa.
Doggie Dinner Division, S. E. Mighton Company, 150 Northfield Road, Bedford, O.
Dominion Malting (Ontario) Ltd., 369 Lake Shore Boulevard, Toronto, Ontario, Canada
Dougherty Feed Company, Inc., P. O. Box 191, Willow Street, Louisville, O. 44641
The Dover Milling Company, West Second Street, Dover, O. 44622
Dow Brewery Limited, 990 Notre Dame Street, West, Montreal, Quebec, Canada
The Dow Chemical Company, 825 East Main Street, Midland, Mich.
Dowagiac Milling Company, P. O. Box 87, Spaulding & Mills Sts., Dowagiac, Mich.
Doyle Packing Company, Inc. of New Jersey, 165 Branchport Avenue, Long Branch, N. J.
F. A. Drake's Son, R. S. No. 2, Cambridge Springs, Pa. 16403
Geo. E. Drake Baking Company, 4117 Liberty Avenue, Pittsburgh, Pa.
W. H. Dreibelbis Sons, Inc., R. D. No. 1, Shoemakersville, Pa. 19555
Drew Chemical Corporation, 416 Division Street, Boonton, N. J.
Dublin Milling Company, Dublin, Pa.
DuBois Brewing Company, South Main Street, DuBois, Pa.
Duffy & Harris, R. D. No. 1, Harrisville, Pa.
DunWin Company, 136 Elm Street, South Williamsport, Pa.
E. I. du Pont de Nemours & Company, 6054 Du Pont Building, Wilmington 98, Del. 19898
Duquesne Brewing Company of Pittsburgh, South 22nd & Mary Streets, Pittsburgh 3, Pa.
Dushore Agway, Dushore, Pa.
Dutchman Feed Mills, Inc., R. D. No. 1, Stevens, Pa.
East Berlin Flour & Feed Mills, Inc., East Berlin, Pa. 17316
The Eastern Shore Rendering Company, P. O. Box 403, Cambridge, Md.
Ebersole Brothers, Bainbridge, Pa. 17502
Eby's Mill, Inc., 35 North Cedar Street, Lititz, Pa. 17543
Eckhart Milling Company, 1300 West Carroll Avenue, Chicago, Ill. 60607
Eddystone Pet Food & Supplies, 1951 Chester Pike, Eddystone, Pa. 19013
J. C. Ehrlich Chemical Company, Inc., 30 North 8th Street, Reading, Pa. 19601
8 In 1 Pet Products, Inc., 40-20 22nd Street, Long Island City, N. Y.
E. B. Eisenhart, R. D. No. 2, East Berlin, Pa. 17316
Elanco Products Company, Div. of Eli Lilly & Company, 740 S. Alabama Street, Indianapolis, Ind.
El Capitan Products, Inc., 341-347 East Liberty Street, Lancaster, Pa. 17602
Elizabeth Milling Company, Inc., First & Plum Streets, Elizabeth, Pa. 15037
E.L.M. Feed Stores, Greencastle, Pa. 17225
Elna Brands, Inc., 431 South Dearborn Street, Chicago, Ill. 60605
Elverson Supply Company, Elverson, Pa. 19520
Emco Mills, Main Street, Emlenton, Pa. 16031
Samuel Entrot & Son, Uniondale & Forst City, Pa.
The Erie Brewing Company, 2131 State Street, Erie, Pa. 16512
Erie-Crawford Dairy Coop. Assn., 1815 State Street, Erie, Pa. 16501
Erie Reduction Company, P. O. Box 1677, Erie, Pa. 16512
John W. Eshelman & Sons, 244 North Queen Street, Lancaster, Pa. 17604
W. H. Eshelman, R. D. No. 2, Smithsburg, Md.
Evanger's Dog and Cat Food Company, Inc., 221 Wheeling Road, Wheeling, Ill.
Evans Milling Company, 1730 West Michigan Street, Indianapolis, Ind.
Everett's G.L.F., Gilbert, Pa. 18331
John Ewing Company, La Salle, Colo.
J. B. Ewing & Sons, Orbisonia, Pa. 17243
Expanded Grain Products, Inc., Oakdale, Pa. 15071
Fabro, Inc., P. O. Box 2928, Station D, Atlanta 18, Ga.
Fabro of Georgia, Inc., P. O. Box 2928, Station D, Atlanta 18, Ga.
Faerie Dell Kennels, Route No. 1, Meshoppen, Pa.
Fairway Milling & Grain Company, Ltd., 314 Archibald Street, Winnipeg, Manitoba, Canada
Farm Bureau Coop. Assn., Inc., 245 North High Street, Columbus 16, Ohio
Farmers' Cooperative Assn., of New Jersey, Inc., 550 West Ingham Avenue, Trenton, N. J.
Farmers Cotton Oil Company, 510 East Barnes Street, Wilson, N. C.
Farmers Feed Company, 375 Johnson Avenue, Brooklyn, N. Y.
Farmers Feed & Supply Company, Box 416, Tionesta, Pa.
Farmers Friend Mineral Company, 651 Filmore Street, Napoleon, O.
Farmers Grain & Milling Company, Inc., Wellington, O.
Fawcett Company, Colfax Street & Depot Alley, Enon Valley, Pa.
Feed-Mor Products Company, Westminster, Md.
Feed Service Corporation, Box 270, Crete, Neb.
Feeney's Garden Center, Bustleton Pike, Feasterville, Pa.
Fehnel's Feed & Grain Service, 305 West Main Street, Bath, Pa.
Ferneau Grain Company, Gibson Building, Box 66, Planchester, O.
B. B. Figley & Son, Burgettstown, Pa.
Fish Products Company, Fort Miles Road, Lewes, Del.
Fisher & Son Company, Inc., East King Street, Malvern, Pa.
Fleagle's Supply Service, 325-327 East Main Street, Somerset, Pa.
Flory Brothers, Flory Mill Road, Lancaster, Pa. 17601
Flory Milling Company, North Main Street, Bangor, Pa.
Flower Lane Farm, Martinsville, N. J.
Flower Lane Farm Division, Loft's Pedigreed Seed Co., Chimney Rock Road, Bound Brook, N. J.
Floyd's Feed Service, 2512-18 South 72nd Street, Philadelphia 42, Pa.
FMS and Swell, Inc., Perkinsville, N. Y.
Food Basket, 101 Broad Street, Phillipsburg, N. J.

Food Fair Stores, Inc., 3175 John F. Kennedy Boulevard, Philadelphia, Pa.
Ford and Palmer, 1531 West Third Street, Chester, Pa.
Foremost Dairies, Inc., Industrial Division, 1870 El Camino Real, Burlingame, Calif.
Foster Canning, Inc., P. O. Box 30, Napoleon, Ohio
The Foster Canning Company, Inc., Railroad Avenue, Farmingdale, N. J. 07727
R. S. Fought & Sons, 98 W. Walnut Street, Hughesville, Pa.
Fowler Farm Service, Inc., Box 82, Franklin, Pa.
The Fox Company, Railroad Boulevard, Newfield, N. J.
T. C. Fox & Sons, Inc., East Railroad Boulevard, Newfield, N. J.
M. E. Franks, Inc., 375 Park Avenue, New York 22, N. Y.
Fredonia Milling Company, Inc., Water Street, Fredonia, Pa.
E. K. Freed & Son, Liverpool, Pa.
Freeman Brothers, R. D. No. 1, P. O. Box 252, New Cumberland, Pa.
The R. T. French Company, 1 Mustard Street, Rochester 9, N. Y.
Froedtert Malt Corporation, 3830 West Grant Street, Milwaukee 1, Wis. 53215
Fruen Milling Company, Box 3172 Traffic Station, Minneapolis 10, Minn. 55403
Edward S. Fry, 1048 French Street, Meadville, Pa.
Fryburg Roller Mills, Fryburg, Pa.
Fuhrman & Schmidt Brewing Company, 235 South Harrison St., Shamokin, Pa.
Furry's Mill, Loysburg, Pa.
Gallo Seed & Pet Supply, 1 Maple Street, East Rutherford, N. J.
H. L. Garrison & Brother, 9th & Mulberry Streets, Berwick, Pa.
The J. I. Gates Milling Company, 1137 West Broad Street, Columbus, Ohio 43222
Gehman Feed Mill, Inc., 44 North Third Street, Denver, Pa.
Geho & Son, Barto and Emmaus, Pa.
Geisler Pet Products, 1848 Webster Avenue, New York 57, N. Y.
General Feed & Supply, 236 East Maiden Street, Washington, Pa.
General Foods Corporation, North Street, White Plains, N. Y.
General Foods Corporation, Corn Mill Div., 1551 East Willow St., Kankakee, Ill.
General Mills, Inc., 9200 Wayzata Boulevard, Minneapolis 26, Minn.
Genuardi Market, Inc., 1930 West Main Street, Norristown, Pa.
George's Pet Foods, 308 MacDade Boulevard, Collingdale, Pa.
E. H. Gerhart Company, Inc., Jonestown, Pa.
Gerhart Frams, Gilbertville, Pa.
Getkin-Moyer, Inc., 10 West Main Street, Norristown, Pa.
Giant Markets, 436 North Sixth Street, Scranton, Pa.
Ginter's Mill, R. D. No. 3, Newville, Pa.
Gland-O-Lac Company, 1818 Leavenworth Street, Omaha, Nebraska 68101
Glenelg Dehydrators, Route No. 2, Ellicott City, Md.
L. A. Glassman, Inc., 1630 Water Street, Conneautville, Pa.
Gloucester By-Products, Inc., State Fish Pier, Gloucester, Mass.
Roy Goff & Company, Inc., 240 Fairfield Avenue, Bridgeport, Conn.
Golden Egg Farm, R. D. No. 2, Doylestown, Pa.
Golden Gem Growers, Inc., Umatilla, Fla.
W. M. Golden & Son, Springville, Pa.
Goldenrod Oil Meal Sales Company, 727 Beale Street, P. O. Box 152, Memphis, Tenn. 38101
Good Eatin' Dog Food Company, 919 North Front Street, Philadelphia, Pa.
Harold H. Good, Terre Hill, Pa.
C. L. Goodman, Port Royal, Pa.
Joseph M. Good & Son, 137 Newport Road, Leola, Pa.
Good's City Mills, Inc., 2117 Webb Street, Williamsport, Pa.
Good's Feed Mill, R. D. No. 1, New Providence, Pa.
Philip S. Gottschalk, Hankins, N. Y.
Graber Mills, Inc., 802 Navarre Road, S. W., Canton, Ohio 44707
W. R. Grace & Company, Nitrogen Division, 147 Jefferson Avenue, Memphis 3, Tenn.
Grain Processing Corporation, 1600 Oregon Street, Muscatine, Iowa 52761
Grain Products Corporation, 173 Scott Avenue, Brooklyn, N. Y.
The Grand Union Company, 100 Broadway, East Paterson, N. J.
I. B. Graybill & Son, Inc., Strasburg, Pa.
The Great Atlantic & Pacific Tea Company, New York City, N. Y.
Green Acre Farms, 112 South Spruce Street, Nazareth, Pa.
Green Valley Mills, Inc., Nanuet, N. Y.
Greene Farm Bureau Coop. Assn., 350 South Morris Street, Waynesburg, Pa.
Ralph Grimes, R. D. No. 1, Ringtown, Pa.
Grim's Poultry Supply, R. D. No. 1, Sinking Spring, Pa.
Grocery Specialties, Inc., 678 Bailey Avenue, Buffalo, N. Y.
Gro-Kote, Inc., P. O. Box 7, Santa Rosa, Calif. 95402
Charles E. Grove & Sons, Felton, Pa.
H. & C. Grove, R. D. No. 2, Lewisburg, Pa.
Grubb Supply Company, 419 West High Street, Elizabethtown, Pa. 17022
Gruber & Fausnacht, 329 North Railroad Street, Palmyra, Pa.
Hales & Hunter Company, 141 West Jackson Boulevard, Chicago 4, Ill. 60604
Haney Milling Company, Mill Street, Danville, Pa.
Happy Pet Products, Inc., 212 York Street, Cassopolis, Mich.
Harbor Industries, Inc., P. O. Box 751, Beaver Falls, Pa.
Harleysville Mill, Inc., 13 Maple Avenue, Harleysville, Pa.
Paul Harrigan & Sons, Inc., Bath Road, Bristol, Pa.
Harrisburg Grocery Company, 1001 Maclay Street, Harrisburg, Pa.
Harrisville Milling Company, Harrisville, Pa.
Carl R. Hartman, Lynnport, Pa.
Hartsville Oil Mill, 1501 South 5th Street, Hartsville, S. C. 29550
F. D. Hartzel's Sons Company, 74 Park Avenue, Chalfont, Pa.
Hartz Mountain Products Corporation, 50 Cooper Square, New York 3, N. Y. 10003
Hauck Feed & Supply Company, 15 Pine Street, Kutztown, Pa.
Haynie Products, Inc., 108 East York Street, Baltimore 30, Md. 21230
Hayward, Inc., Oak Harbor, Ohio
Heath's Mill, Great Bend, Pa.
Hefty Milling Company, 136 East 8th Street, Watsontown, Pa.
H. J. Heinz Company, 1062 Progress Street, Pittsburgh 30, Pa.
E. Musser Heisey & Son, R. D. No. 2, Mount Joy, Pa.
Furman E. Hendrix, Inc., White Hall, Md.

L. E. Henninger & Son, R. D. No. 1, Myerstown, Pa.
M. G. Henninger, Berrysburg, Pa.
A. C. Henry, Inc., Main Street, Seven Valleys, Pa.
A. K. Hepler & Son, 106 North 4th Street, Youngwood, Pa.
Herminie Feed & Supply Company, Herminie, Pa.
P. Herold & Sons, 1001-13 North 3rd Street, Philadelphia 23, Pa.
A. P. Herr & Brother, 9 North Church Street, Quarryville, Pa.
John M. Herr, R. D. No. 1, Grantville, Pa.
Herr Milling Company, R. D. 1, Turbotville, Pa.
The Herrman-McLean Company, 2520 Market Avenue, Cleveland 13, O.
Hershberger's, Inc., 314 Baumer Street, Johnstown, Pa.
Mark C. Hershey, R. D. No. 5, Lebanon, Pa.
Hershey Brothers, Reinholds, Pa.
J. B. Hertzfeld, Inc., 448 Bourse Building, Philadelphia 6, Pa.
Hess & Clark, Div. of Richardson-Merrell, Inc., 7th & Orange Sts., Ashland, O. 44805
C. J. Hess, Shade Gap, Pa.
John J. Hess II, R. D., Paradise, Pa.
Hewett Grain Company, 114 West Main Street, Blanchester, O.
Hi-Acres Concentrates, Inc., P. O. Box 7127, Orlando, Fla.
Hiestand, Inc., R. D. No. 1, Marietta, Pa.
S. H. Hiestand & Company, Salunga, Pa.
Highfield Pet Foods, 4999½ Girard Avenue, Philadelphia 31, Pa. 19131
Hildum Fermentation & Processing Company, Shiremanstown, Pa.
Hill Packing Company, 401 Harrison, Topeka, Kansas.
Hilliard Products, Inc., Box 295, Willow Street, Pa.
Hines Feed Store, 210 S. Juniata Street, Hollidaysburg, Pa.
Hinish Feed & Farm Supply, Everett, Pa.
Hinkle Farms, R. D. No. 1, Ottsville, Pa.
Earl W. Hoffman & Sons, R. D. No. 1, Boonsboro, Md.
Earl W. Hoffman & Sons, R. D. No. 3, Mechanicsburg, Pa.
J. L. Hoffman Company, Inc., 1413-15 Court Street, Allentown, Pa.
Hoffman-Taff, Inc., P. O. Box 1246 S.S.S., Springfield, Mo.
Holsopple Feed Mill, Holsopple, Pa.
Honegger's and Company, Inc., Fairbury, Ill.
Honesdale Agway, Inc., Honesdale, Pa.
Honesdale Milling Company, West 11th Street, Honesdale, Pa.
Clem E. Hoober, Intercourse, Pa.
John J. Hoober, Gordonville, Pa.
H. P. Hood & Sons, P. O. Box 979, Wilson Street, Dunedin, Fla.
H. P. Hood & Sons, Inc., 500 Rutherford Avenue, Boston 29, Mass. 02129
Hooker Chemical Corporation, Phosphorous Division, Columbia, Maury, Tenn.
Henry B. Hoover, 27 North State Street, Ephrata, Pa.
Horlacher Brewing Company, 311 Gordon Street, Allentown, Pa. 18102
Horlicks Corporation, 2120 Northwestern Avenue, Racine, Wis.
D. E. Horn & Company, Lincoln & West Streets, York, Pa.
D. E. Horn & Company of Red Lion, Inc., 327 East Broadway, Red Lion, Pa.
Horst's Mill, Route No. 1, Levanon, Pa.
James R. Houck, 47 North First Street, Bangor, Pa.
Household Products Company, 1905 Harrison Street, Evanston, Ill.
Howard Phosphate Company, 1634 Chicago Avenue, Orlando, Fla.
George T. Howe Company, Grove City, Pa.
H. Q. Beef Products Company, 150 Northfield Road, Bedford, Ohio
Hubbard Milling Company, 308 North Front Street, Mankato, Minn.
Huber Brothers, Schaefferstown, Pa.
John T. Hubert & Sons, Star Route, Meadville, Pa.
The Hubinger Company, 601 Main Street, Keokuk, Iowa
Hudson Pharmacal Company, 4409 Park Avenue, Union City, N. J.
Huff and Puff Pet Food, Inc., Div. of T. C. Slaughter, Reedville, Va. 22539
Huffman's Feed Service, R. D. No. 1, Linesville, Pa.
Ivan Hugo, New Albany, Pa.
Huntsinger's Mill, R. D. No. 1, Hegins, Pa.
David B. Hurst, Bowmansville, Pa.
Paul Hurst & Sons, R. D. No. 1, East Earl, Pa.
Hush Pup Dog Food Company, 500 North Dearborn Street, Chicago 10, Ill.
Nutchison's, Inc., 31 North Beaver Street, New Castle, Pa.
Hygrade Food Products Corporation, 11801 Mack Avenue, P. O. Box 58, Clyde, Ohio
Iacobino Meat Market, 201 North 9th Street, Scranton, Pa.
Illinois Cereal Mills, Inc., 613 South Jefferson Avenue, P. O. Box 220, Paris, Ill.
Illinois Soy Products Company, P. O. Box 53, Springfield, Ill.
J. F. Imbs Milling Co., 303 Merchants Exchange Bldg., 5100 Oakland Ave., St. Louis, Mo.
Imperial Animal Products, Inc., Wadsworth, Ill.
Independent Manufacturing Company, Wheatsheaf Lane & Aramingo Ave., Philadelphia 37, Pa.
Industrial Molasses Corporation, 3033 Excelsior Boulevard, Minneapolis 16, Minn.
Inland Products, Inc., Pittsburgh Melting Company Div., Herrs Island, Pittsburgh 22, Pa.
International Milling Company, 1200 Investors Building, Minneapolis, Minn.
International Mineral & Chemical Corporation, Old Orchard Road, Skokie, Ill.
International Salt Company, Clarks Summit, Pa.
International Stock Food Corporation, 533 Broad Street, Waverly, N. Y.
Interstate Feed Chemicals Corp., 609 Livestock Exchange Building, Kansas City, Mo.
Interstate Foods of America, 150 Northfield Road, Bedford, Ohio
Iola Mills, R. D. No. 1, Millville, Pa.
Jacco Industries, Ltd., P. O. Box 4772, St. Louis, Mo.
Jamestown Rendering Company, 225 Main Street, Frewsburg, N. Y.
Robert Jamieson & Sons, Fredonia, Pa.
Jefferson Farm Bureau Coop. Assn., Box 121, Brookville, Pa.
Jersee-Security Food Company, 521 South Third Street, Minneapolis 15, Minn.
Jespy Dog Food, 226 East Airy Street, Norristown, Pa.
Jewel Tea Company, Barrington, Ill.
J. W. Johnson & Son, Canal Street, Albion, Pa.
Jones Brewing Company, 2nd Street & B.O.R.R., Smithton, Pa. 15479
Jonestown Roller Mill, R. D. No. 2, Orangeville, Pa.

I. S. Joseph Company, Inc., 1100 Flour Exchange Building, Minneapolis, Minn. 55415
Joseph Packing Company, P. O. Box 723, Connellsville, Pa.
Judson's Feed Store, Colubmia Cross Roads, Pa.
Juniata Roller Mills, Thompsontown, Pa.
Chas D. Kaier Company, 67-79 North Main Street, Mahanoy City, Pa.
Kal Kan Foods, Inc., 3386 East 44th Street, Los Angeles 58, Calif.
I. Kaplan, Inc., 218 Hull Avenue, Olyphant, Pa.
Karg Feed & Supply, 1108 East Second Street, Oil City, Pa.
Keebler's Feed & Farm Supplies, 114 S. Montour Street, Montoursville, Pa.
E. H. Keen & Sons, Parkesburg, Pa.
H. H. Kelley - Kelleys Mill, Washingtonville, Pa.
Kellogg Company, 235 Porter Street, Battle Creek, Mich. 49016
The Kellogg Company, 1411 East 8th Street, Box 665, Ocala, Fla. 32670
Spencer Kellogg Division of Textron, Inc., Minneapolis, Minn.
Kellogg Company of Canada, Ltd., 1097 Dundas Street, London, Ontario, Canada
Kellogg Seed Company, 322 East Florida Street, Milwaukee 1, Wis.
W. Russell Kendall, Big Cove Tannery, Pa.
Kennel Food Supply Division, Hygrade Food Products Corp., 11801 Mack Ave., Detroit, Mich. 48214
John W. Kerchner, Inc., Seven Valleys, Pa. 17360
Kershaw Oil Mill, 427 North Hampton Street, Kershaw, South Carolina
Keynes Brothers, 31 East Front Street, Logan, Ohio
Keystone Chemurgic Corporation, Route No. 2, Bethlehem, Pa.
Keystone Dehydrators, Box 204, Nazareth, Pa.
Keystone Milling Company, 115 South Queen Street, Littlestown, Pa.
The Keystone Milling Company, Canal Street, Williamsburg, Pa.
Keystone Rendering Company, Inc., Pacific & Bath Streets, Philadelphia, Pa.
Kiefer's Mill, Inc., Chestnut Street, Hegins, Pa.
Kind & Knox Gelatin Company, Head of North 5th Street, Camden, N. J.
Kinter & Grove, Inc., Dillsburg, Pa.
Kintner Milling Company, Mehoopany, Pa.
Kissling's Mill, Bernville, Pa.
K & K Manufacturing, Inc., 1001 Washington Avenue, South, Minneapolis 15, Minn.
John C. Klingerman, R. D. 3, Bloomsburg, Pa.
C. R. Klinger, Inc., Middle Creek, Pa.
Knauf & Tesch Company, East Grant Street, Chilton, Wis. 53014
D. P. Knepper, Waterfall, Pa.
Knisely's Feed and Farm Supply, Carlisle, Pa.
Knittle & Frey Feed Mills, 2101 Green Avenue, Williamsport, Pa.
H. C. Knoke & Company, 5728 West Roosevelt Road, Chicago 50, Ill.
The H. E. Koontz Creamery, Inc., 5600 Reisterstown Road, Baltimore 15, Md.
E. J. Korvette, Inc., 1180 Avenue of Americas, New York, N. Y. 10036
Kraft Foods, Div. of National Dairy Products Corp., Chicago, Ill.
Ray Kramer & Sons, 654 Washington Road, Pittsburgh 28, Pa. 15228
Krause Milling Company, 404 East State Street, Milwaukee, Wis.
Kreamer Feed Store, Inc., Kreamer, Pa.
Kreiner Malting Corporation, 50 Elk Street, Buffalo, N. Y.
Kreisl Packing Company, 4th & Walnut Streets, Shamokin, Pa.
Herbert H. Kressler, R. D. No. 4, Quakertown, Pa. 18951
Kreutz Creek Valley Farmers' Coop. Assn., R. D. No. 9, York, Pa.
Kuder Pulp Sales Company, Lake Alfred, Fla. 33850
M. N. Kunkel Estate, R. D. No. 1, Kempton, Pa.
Kurth Malting Company, 2100 South 43rd Street, Milwaukee 46, Wis. 53426
John B. Kurtz, Ephrata, Pa.
LaBudde Feed & Grain Company, 741 North Milwaukee Street, Milwaukee, Wis. 53202
Laceyville Agway Cooperative, Inc., Laceyville, Pa.
Laddie Boy Dog Foods, Inc., 79-19 71st Avenue, Glendale 27, N. Y.
Lafona Mills, R. D. No. 1, Pen Argyl, Pa. 18072
Lake County Oil Mills, 1203 Church Street, Tiptonville, Tenn. 32857
Lake States Yeast & Chemical Div. of St. Regis Paper Co., 603 West Davenport St., Rhinelander, Wis.
Lakes Feed Mill, South Montrose, Pa.
Christ E. Lamparter's Sons, R. D. No. 4, Dover, Pa.
Lancaster Cotton Oil Company, 602 South Main Street, Lancaster, S. C.
Lancaster County County Farm Bureau Coop. Assn., P. O. Box 1197, Lancaster, Pa.
Lancaster Milling Company, Inc., R. D. No. 6, P. O. Box 854, Lancaster, Pa. 17604
Lancaster Processing Corporation, Flory Mill Road, Lancaster, Pa.
Ira B. Landis, 779 Valley Road, Lancaster, Pa.
T. M. Landis, Mainland, Pa.
Land O'Lakes Creameries, Inc., 2215 Kennedy Street, Minneapolis 13, Minn.
Laney's Feed Mill, 8th & Penn Streets, Huntingdon, Pa.
Lantzy Milling Company, Barnesboro, Pa. 15714
Larrowe Feed Company, Sub. of Mowat, Wilson & Co., 15325 W. Seven Mile Road, Detroit, Mich. 48235
Lauhoff Grain Company, 321 East North Street, Danville, Ill.
Lebanon Valley Farm Bureau Coop. Assn., 17th & Cumberland Sts., Lebanon, Pa.
Leeper Roller Mills, Box 48, Leeper, Pa.
Dr. LeGear, Inc., 4161 Beck Avenue, St. Louis, Mo. 63116
Lehigh Farm Bureau Coop. Assn., R. D. No. 1, Wescosville, Pa.
Lehigh Valley Coop. Farmers, 1000-1160 North 7th Street, Allentown, Pa.
Lehman's Cash Feed Store, York Springs, Pa.
Lehmaster Elevator Company, Lemasters, Pa. 17231
Louis Lehrman & Son, Harrisburg, Pa.
A. F. Leidy, Delphi, Pa.
Leola Feed & Grain, 137 Newport Road, Leola, Pa.
Liberty Baking Company, 6018 Houston Street, Pittsburgh 6, Pa.
Libner Grain Company, 25 Commerce Street, Norwalk, Conn.
Light Street Milling Company, R. D. No. 2, Orangeville, Pa.
Ligonier Mill, New Florence, Pa.
George W. Lillich & Son, Abbottstown, Pa.
Limestone Products Corporation of America, 122 Main Street, Newton, N. J.
Linbrook Laboratories, R. D. No. 1, Oxford, Pa. 19363
Liv-A-Snaps, Inc., 244 South Fairview Avenue, St. Paul, Minn. 55105
Livestock Mineral Company, 2356 Lititz Pike, Lancaster, Pa.

L & K Mills, Inc., R. D. No. 1, Benton, Pa.
Loblaw, Inc., P. O. Box 941, 678 Bailey Avenue, Buffalo 6, N. Y.
Loncala Phosphate Company, Box 766, High Springs, Fla.
Long Island Soap Company, Inc., 37 Bridgewater Street, Brooklyn 22, N. Y.
Walter K. Long, Center Valley, Pa.
Audley B. Lott, South Montrose, Pa.
Lottsville Milling Company, R. D. 1, Bear Lake, Pa.
Loysville Feed Company, Loysville, Pa.
Bruno Lucchino, R. D. No. 1, Leechburg, Pa.
Lummis & Company, 136-148 N. Delaware Avenue, Philadelphia, Pa.
Lycoming Mills, 1425 Race Street, Williamsport, Pa.
Lykens Valley Roller Mills, R. D. No. 1, Millersburg, Pa.
Lyon & Greenleaf Company, Inc., Box 31, Richmond Street, Ligonier, Ind.
McBroom Feed & Supply, Derry, Pa.
McCabe Grain Company, Ltd., 409 Grain Exchange Building, Winnipeg, Manitoba, Canada
O. Kenneth McCracken, 2 New Charlotte Street, Manheim, Pa.
J. McGrane, 912-917 North 47th Street, Philadelphia 31, Pa.
McKean Farm Service, 9 East Avenue, McKean, Pa.
McKean's Pet Food Company, Lackawaxen, Pa.
McNaughton Milling Company, New Alexandria, Pa.
MacKnight's Agway, North Street, Westfield, Pa.
Magnatonic Products, Inc., New Knoxville, Ohio
Mahoning Valley Milling Company, 318 Indiana Street, Punxsutawney, Pa.
Maidencreek Feed & Supply, Blandon, Pa. 19510
W. H. Manbeck & Company, Juniata & Parker Streets, Mifflin, Pa.
Manchester Grange, Inc., Emigsville, Pa.
W. E. Manifold & Sons, Fawn Grove, Pa.
Henry T. Mann, Silverdale, Pa.
R. H. Marberger, Bernville, Pa.
Mar-Gro, R. D. No. 2, Lancaster, Pa.
Marine & Animal By-Products Corp., Woolworth Building, New York 7, N. Y. 10007
Marion Center Milling Company, Marion Center, Pa.
Marion Cotton Oil Company, P. O. Box 900, Marion, S. C.
Marion Milling Company, 185 North Prospect Street, Marion, Ohio
Marion Warehouse Company, Marion, Pa. 17235
Marshall's Feed Mill, 313 Broad Street, Horseheads, N. Y.
Marsteller Grains, Inc., Macungie, Pa.
Martin Sales Company, 3128 Goddard Road, Toledo, Ohio
Martin's Elevator, Inc., R. D. No. 4, Hagerstown, Md.
Martin's Feed Mill, Inc., R. D. No. 3, Ephrata, Pa. 17522
Martin's Feed Mills, Inc., New Paris, Ind.
Martinsburg Milling Company, 106 South Railroad St., Martinsburg, Pa. 16662
Marzen Feed Store, R. D. No. 3, Lehighton, Pa.
Mase & Schanbacher, Liberty, Pa.
Mauser Mill Company, Treichlers, Pa.
Mauser Feed & Grain Corporation, 460 Delaware Avenue, Palmerton, Pa.
Mavar Shrimp & Oyster Company, Inc., P. O. Box 487, Biloxi, Miss.
Maxton Oil & Fertilizer Company, Maxton, N. C.
May-Co Supply Company, Inc., P. O. Box 130, Wrightsville, Pa.
Maylfower Mills, 931 Leesburg Road, Fort Wayne 1, Ind. 46801
Mechanicsburg Milling Company, East Allen Street, Mechanicsburg, Pa.
Meiser's Feed Mill, Richfield, Pa.
Meiserville Milling Company, R. D. No. 1, Mt. Pleasant Mills, Pa.
Dr. Melody D.V.M. Associates, Dublin, Pa.
The Mennel Milling Company, P. O. Box 189, 128 West Crocker St., Fostoria, Ohio
Mercer Agway, Inc., Box 31, Mercer, Pa.
The Mercer Milling Company, 120 McKinley Avenue, Mercer, Pa.
Messner Brothers, R. D. No. 1, East Earl, Pa.
Metzler's Feed Mill, Bowmansdale, Pa.
Michigan Agricultural Company, 5338 North 28th Street, Richland, Mich.
Middleburg Rendering Works, Middleburg, Pa.
Middlebury G.L.F. Service, Middlebury Center, Pa.
Mid-Eastern Molasses Corporation, 27 Fulton Street, Freehold, N. J.
Midland Milling & Supply Company, 850 Railroad Lane, Midland, Pa.
Midland-Western, Inc., 160 West Spruce Street, Reading, Pa.
Midway Milling Company, 101 Prospect Street, Midway, Pa.
Midway Mills, 42 Evergreen Road, Lebanon, Pa.
Midwest Brewers Yeast Corporation, 4251a Gaslight Square, St. Louis 8, Mo. 63108
Mifflinburg Farmers Exchange, Inc., North 8th Street, Mifflinburg, Pa.
S. E. Mighton Company, 150 Northfield Road, Bedford, Ohio
Milk Specialties, Inc., Water & Illinois Street, Dundee, Ill.
H. E. Millard Mills, Div. of H. E. Millard Lime & Stone Co., Annville, Pa.
H. E. Millard Lime & Stone Company, Annville, Pa.
Miller Brewing Company, 4000 West State Street, Milwaukee, Wis.
Miller & Bushong, Inc., 711 Rohrerstown Road, Rohrerstown, Pa. 17571
Millburn Feed Company, Inc., 378 Millburn Avenue, Millburn, N. J.
Miller Feed & Coal Company, North Second Street, Conneaut Lake, Pa.
Miller Feed & Implement Company, Stewartstown, Pa.
Miller Rendering Company, R. D. No. 1, New Stanton, Pa.
Miller & Stitely, R. D. No. 1, Felton, Pa.
H. H. Miller, 5810 Jonestown Road, Harrisburg, Pa.
Roy E. Miller, 4435 Plain Center Road, N. E., Canton, Ohio
Millport Roller Mills, R. D. No. 4, Lititz, Pa.
Milroy Feed & Grain Company, P. O. Box 547, Milroy, Pa.
Miner-Hillard Milling Company, 1016 First National Bank Building, Wilkes-Barre, Pa.
Minnesota Grain Pearling Company, Cannon Falls, Minn.
Minnesota Linseed Oil Company, 25 44th Avenue, N. E., Minneapolis 21, Minn.
Mitchell Milling Company, 229 Leavy Avenue, Clearfield, Pa.
M & M Farm Supply Corporation, Box 3, Virginville, Pa.
Mock Seed Company, 13th & Smallman Streets, Pittsburgh 30, Pa.
Molson's Brewery (Ont.) Ltd., 640 Fleet Street, West, Toronto, Ontario, Canada

Monsanto Chemical Company, 800 North Lindberg, St. Louis 66, Mo. 63166
Montgomery-Bucks Farm Bureau Coop. Assn., 67 Washington Avenue, Souderton, Pa.
Geo. Q. Moon & Company, Inc., 201 Chenango Street, Binghamton, N. Y.
Moorman Manufacturing Company, Quincy, Ill. 62302
Morgan Packing Company, Inc., Highway No. 31, Austin, Ind. 47102
Morral Farm Supply, R. D. No. 3, Everett, Pa.
John Morrell & Company, 208 South LaSalle Street, Chicago, Ill. 60604
The Emory Morse Company, 84 Cherry Street, Guilford, Conn. 06437
Morton Salt Company, 100 North Wacker Drive, Chicago 6, Ill.
O. W. Mosteller, Chester Springs, Pa.
Mount Carbon Brewery, 716 South Centre Street, Pottsville, Pa.
Mountville Feed Service, R. D. No. 2, Columbia, Pa. 17512
Mowat, Wilson & Company, 15325 West Seven Mile Road, Detroit 35, Mich.
C. D. Moyer Markets, Silverdale, Pa.
Moyer & Son, 37 North Main Street, Souderton, Pa.
Mt. Vernon Milling Company, Mt. Vernon, Ind.
A. A. Mudge & Sons, Afton, N. Y.
W. L. Mummert Company, 6 Pine Street, Hanover, Pa.
Mundis Mills, Inc., Emigsville, Pa.
Mundis Mills, Inc., R. D. No. 5, York, Pa.
Mundis Supply Company, South Main Street, Dover, Pa.
Murphy & Clouse Feed Mill, Boiling Springs, Pa.
Mutual Products Company, 509 North Fourth Street, Minneapolis, Minn.
Mutual Rendering Company, Ontario Street & Delaware River, Philadelphia 34, Pa. 19134
Myers & Fitz, North Carlisle Street, Greencastle, Pa.
Myzon Laboratories, 3129 West 47th Street, Chicago 32, Ill.
Nappanee Milling Company, Inc., 301 South Jackson Street, Nappanee, Ind.
Narrowsburg Feed & Grain Company, Box 185, Narrowsburg, N. Y. 12764
National Alfalfa Dehydrating & Milling Company, 4010 Washington St., Kansas City 11, Mo. 64111
National Biscuit Company, Special Products Div., 425 Park Avenue, New York 22, N. Y.
National Biscuit Company, 6425 Penn Avenue, Pittsburgh 6, Pa. 15206
National Biscuit Company, 2221 Front Street, Toledo, Ohio
National Distillers Products Co., Div. of National Distillers & Chemical Corp., Cincinnati 16, O.
National Malting Company, 9-11 Ann Street, Paterson, N. J.
National Molasses Company, Willow Grove, Pa.
National Oats Company, 1515 H Avenue, N. E., Cedar Rapids, Iowa
National Packing Corporation, 235 Bear Hill Road, Waltham, Mass.
National Starch & Chemical Corporation, 1515 S. Dover St., P. O. Box 1299, Indianapolis 6, Ind.
The National Sugar Refining Company, 100 Wall Street, New York, N. Y.
Naugle's Feed & Supply, Berlin, Pa.
H. W. Neiger Milling Company, Lake City and East Springfield, Pa.
I. H. Nester & Company, 5236 Roosevelt Boulevard, Philadelphia 24, Pa.
Neumond, Inc., 120 Merchants Exchange Building, 5100 Oakland Avenue, St. Louis, Mo.
Neuweiler Brewing Corp., T/A Louis F. Neuweiler's Sons, 401-53 N. Front St., Allentown, Pa.
New Castle Grocery Company, 310-312 Produce Street, New Castle, Pa.
The New Century Company, 3939 South Union Avenue, Chicago 9, Ill. 60609
New England By-Products Corporation, 28 Church Street, Winchester, Mass.
New Yorker Cheese Company, Delaware Avenue & Vine Street, Philadelphia 6, Pa. 19106
Nichols Agway Cooperative, Inc., Nichols, N. Y.
Nickel Plate Mills, Inc., 1901 Parade Street, Erie, Pa.
Ninety Six Manufacturing Company, Ninety Six, S. C.
Ira Nissley, Inc., Morgantown, Pa.
Nittany Valley Feed & Grain Company, R. D. No. 2, Bellefonte, Pa.
C. O. Nolt & Sons, Bird-In-Hand, Pa.
Nopco Chemical Company, 60 Park Place, Newark, N. J.
The North American Trading & Import Company, 1429 Walnut Street, Philadelphia 2, Pa.
North Penn Hide Company, Inc., Callowhill Street, Elizabethville, Pa.
Northampton Farm Bureau Coop. Assn., Bushkill Drive, Tatamy, Pa.
Northern Ohio Sugar Company, 1530 Sixteenth Street, Denver, Colo.
Norton & Company, 127 Madison Street, Alexandria, Va.
Nufeeds, Inc., Springville, Pa.
Nutritional Research Associates, Inc., South Whitley, Ind.
O'Brien Milling Company, Waterford, Pa.
Oelwein Chemical Company, Inc., Second Avenue, South East, Oelwein, Iowa 50662
P. J. Oesterling & Son, Inc., 354 East Jefferson Street, Butler, Pa.
Ohio Blenders, Inc., 2404 Summit Street, Tledo 11, Ohio 43611
Old Port Milling Company, Port Royal, Pa.
Oliger Seed Company, 2705 Wingate Avenue, Akron 14, Ohio
Orleans Canning Company, 18 South Michigan Avenue, Chicago 5, Ill. 60603
Orldans Dog Candy Company, 18 South Michigan Avenue, Chicago 5, Ill. 60603
Osceola Fruit Distributors, Main & Vine Streets, Kissimmee, Fla.
M. T. Osmun & Son, La Plume, Pa.
Joseph Otto, 47 Wall Street, North East, Pa.
Owensboro Grain Company, Inc., Box 1117, Owensboro, Ky.
Pabst Brewing Company, 917 W. Juneau Avenue, Milwaukee, Wis.
Pacific Molasses Company, 215 Market Street, San Francisco, Calif.
Palmer Feed Company, Linesville, Pa.
Palmetto Oil Company, Nettles Street, P. O. Box 426, Bishopville, S. C.
J. D. Palm's Mill, R. D. No. 2, Port Royal, Pa.
Palmyra Feed & Grain Company, 413 N. Railroad Street, Palmyra, Pa.
Pan Pacific Fisheries, Inc., 350 Sardine Street, Terminal Island, Calif.
Paperman's Market, Inc., 187 City Avenue, Bala Cynwyd, Pa.
Parrish & Heimbecker, Ltd., 43 Scott Street, Toronto, Ontario, Canada
Pasco Packing Company, P. O. Box 97, Dade City, Fla. 33525
Paterson Tallow Company, Inc., P. O. Box 1705, Paterson, N. J.
Lee Patten Seed Company, 360 Ninth Street, Jersey City 2, N. J.
William P. Paul & Company, R. D. No. 2, Box 23, Mt. Pleasant, Pa.
Peavey Company Flour Mills, Grain Exchange Building, Minneapolis 15, Minn. 55415
Pen Argyl Milling Company, Inc., P. O. Box 96, Pen Argyl, Pa.
Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa
Penn Coffee & Tea Company, 80 South Pennsylvania Avenue, Wilkes-Barre, Pa.

Penn Dairies, Inc., 1801 Hempstead Road, Lancaster, Pa. 17604
Penn Dutch Supply Co., Inc., Sub. of New Holland Supply Company, Inc., Diller Ave., New Holland, Pa.
Penns Creek Flour & Feed Mills, R. D. No. 2, Spring Mills, Pa.
Pennsylvania Farm Bureau Coop. Assn., 3609 Derry Street, Harrisburg, Pa.
Pennsylvania Hide & Rendering Company, Div. of the Van Iderstine Company, P. O. Box 127, Avoca, Pa.
Pennsylvania Horse Products Company, Inc., Box 2, New Bloomfield, Pa.
PenTon Company, 125 E. Chestnut Street, Hanover, Pa.
John J. Pepin & Company, 314 Cotton Exchange Building, Memphis, Tenn.
A. W. Perdue & Son, Inc., P. O. Box 590, Salisbury, Md.
Perlo Foods Company, Whitaker & Cayuga Streets, Philadelphia, Pa.
Perry Distributors, Inc., Geneva Street, Lyons, N. Y.
Perryopolis Feed & Supply Company, Inc., R. D. No. 2, Box 26, Perryopolis, Pa.
Perrysburg Alfalfa Mills, Inc., P. O. Box 187, Perrysburg, Ohio 43551
Pet Foods, Inc., 79-19 71st Avenue, Glendale 27, N. Y.
Pet Kitchens, Inc., 315 Geo. M. Cohan Boulevard, Procidence, R. I.
Petburger Products, Farm to Market Road, Canastota, N. Y.
Petersburg Milling Company, Bessemer, Pa.
Petmaster Products Company, 3439 N. Hutchison Street, Philadelphia 3, Pa.
Pet-Mil Food Corporation, 79-19 71st Avenue, Glendale 27, Long Island, N. Y.
Chas. Pfizer & Company, Inc., 235 East 42nd Street, New York, N. Y.
Philadelphia Dry Yeast Company, 157-167 West Oxford Street, Philadelphia 22, Pa.
The Philadelphia Seed Company, Inc., Arch & Front Streets, Philadelphia 5, Pa.
Philips Roxane Division, Thompson Haward Chemical Company, 5200 Speaker Road, Kansas City, Kan.
Phillips Feed Service, Inc., Germansville, Pa.
Pierce Grain Corporation, 1040 Seneca Street, Buffalo 10, N. Y.
The Pillsbury Company, Pillsbury Building, Minneapolis, Minn.
Pittsburgh Brewing Company, 3340 Liberty Avenue, Pittsburgh 1, Pa. 15201
Pittsburgh Plate Glass Company, 118 Main Street, Red Wing, Minn. 55066
Pittsburgh Tallow & Hide Company, P. O. Box 19, Groveton, Pa.
L. C. Plank, R. D. No. 1, Biglerville, Pa.
Planters Cotton Oil Company, 1004 Cokey Road, Box 912, Rocky Mount, N. C.
Planters Manufacturing Company, Box 10, Clarksdale, Miss.
Planters Peanuts, Div. of Standard Brands, Inc., P. O. Box 1460, Suffolk, Va.
Frank Platt & Company, Main Street, Spartansburg, Pa.
Pleasant Valley Roller Mills, R. D. No. 1, Box 384, Leesport, Pa.
Portville Agway Service, Mill Street, Shinglehouse, Pa.
Post Division, General Foods Corporation, 275 Cliff Street, Battle Creek, Mich.
Pottstown Roller Mills, South & Hanover Streets, Pottstown, Pa.
Premier Malt Products, Inc., Animal Feed Division, 917 W. Juneau Ave., Milwaukee, Wis. 53201
Preston's, Inc., P. O. Box 98, Canton, Pa.
John Price & Company, Whitaker & Cayuga Streets, Philadelphia, Pa.
The Price-Wilhoite Company, P. O. Box 430, Frederick, Md. 21701
Pride of the Valley Mills, Inc., Spring Valley, N. Y.
Prim Packing Company, 217 Third Street, McDonald, Pa.
Prime Veal Feeds Company, Inc., P. O. Box 252, Fredericksburg, Va.
Pringle Feed Store, 29 Franklin Street, Greenville, Pa.
Pritts Feed Mills, Inc., 26 East Main Street, Mt. Pleasant, Pa. 15666
Pritts Feed & Supply Company, Smithton, Pa. 15479
The Proctor & Gamble Distributing Company, P. O. Box 599, Cincinnati, Ohio 45201
Pro-Ganic, Inc., R. D. No. 2, New Wilmington, Pa.
Pro-Tex Products, Division of All-In-One Feeds, Inc., Eagle, Mich.
Provimi, Inc., 435 President Street, Saddle Brook, N. J.
Publicker Industries, Inc., 1429 Walnut Street, Philadelphia 2, Pa.
Purity Flour Mills, Inc., R. D. No. 1, Mill Hall, Pa. 17751
Pussy Cat Food Corporation, 530 Gardner Avenue, Brooklyn 22, N. Y.
Quaker City Packing Company, Inc., 104 Union Street, Allentown, Pa.
The Quaker Oats Company, Merchandise Mart Plaza, Chicago 54, Ill. 60654
Ralston Purnia Company, 835 South Eighth Street, St. Louis, Mo.
The W. T. Rawleigh Company, 223-225 East Main Street, Freeport, Ill.
Reading Bone Fertilizer Company, P. O. Box 232, Reading, Pennsylvania 19603
Reading Brewing Company, 9th & Laurel Streets, Reading, Pa.
Reading Milling Company, 1847 Centre Avenue, Reading, Pa.
Reading Poultry Food Company, Orrton & Nobel Streets, Reading, Pa.
Re-Dan Packing Company, Inc., 70-10 74th Street, Middle Village, N. Y. 11379
Red Bank Mills, New Bethlehem, Pa.
Red Heart Division, John Morrell & Co., 208 South LaSalle Street, Chicago, Ill.
Red Lion Milling Company, P. O. Box 87, Red Lion, Pa.
Red Star Yeast & Products Company, 433 E. Michigan Street, Milwaukee 1, Wis.
Reece & Greenly Company, Main Street, Millville, Pa.
Reed Milling Company, Race Street, Brookville, Pa.
A. F. Rees, Center Street, Box 177, Greencastle, Pa.
H. B. Reese Candy Company, Hershey, Pa.
Robert A. Reichard, Inc., 19th & West Lawrence Streets, Allentown, Pa.
C. W. Reigle Sons, Paxtonville, Pa.
Reliance Chemicals Corporation, 12405 Sowden Road, P. O. Box 19343, Houston, Tex. 77024
Rhoads Mills, Inc., P. O. Box 24, Selinsgrove, Pa.
Richfield Feed Mill, Richfield, Pa.
Richland Feed Company, Richlandtown and Perkasie, Pa.
Richmond Elevator, Richmond Furnace, Pa.
Riegel's Feed and Grain, Durham, Pa.
J. S. Riley & Company, 910 Moravia Street, New Castle, Pa.
Rival Packing Company Division, Associated Products, Inc., 4500 S. Tripp Ave., Chicago, Ill. 60632
Roberto's Pet Shop, 531 Linden Street, Scranton, Pa.
Roberts Feed Mill, 631 River Street, Peckville, Pa.
Robin Hood Flour Mills, Ltd., Moose Jaw, Saskatchewan, Canada
H. Rockwell & Son, Troy Street, Canton, Pa.
Rockingham Poultry Marketing Coop., Inc., Broadway, Va.
Rodan Foods Company, Inc., R. D. No. 3, Allentown, Pa. 18104
Rohloff Brothers, Inc., R. D., Graytown, Ohio
Rohm's Feed Mill, Breezewood, Pa.

Ross H. Rohrer & Sons, R. D. 3, Quarryville, Pa.
Rome Oil Mill Division, Hunt Foods & Industries, Inc., East 12th St., Rome, Ga.
Ben Rosenberg, Inc., 600 North Second Street, Philadelphia, Pa.
Ross Brothers, Box 14, Kingsley, Pa.
Roth Milling Company, Prospect, Pa.
Roup's Mill, R. D. No. 2, Danville, Pa.
Richard W. Rover Company, 117 Herman Street, East Rutherford, N. J.
Ryde & Company, 3939 South Union Avenue, Chicago 9, Ill.
J. O. Ryder Rendering Company, Delaware Drive, Matamoras, Pa. 18336
Sacramento Roller Mills, Sacramento, Pa.
Safeway Stores, Inc., 510 16th Street, Oakland 4, Calif.
St. Ansgar Grain & Feed Company, St. Ansgar, Iowa
Dr. Salsbury's Laboratories, 500 Gilbert Street, Charles City, Iowa
Burton Salsman, R. D. No. 2, Laceyville, Pa.
Sandy Lake Mills, Sandy Lake, Pa.
Saskatchewan Wheat Pool (Terminal #8), Fort William, Ontario, Canada
Satisfido Pet Food Company, 7108 Llanfair Road, Upper Darby, Pa.
C. E. Sauder & Sons, East Earl, Pa.
Earl Sauder, 115 S. Railroad Avenue, New Holland, Pa.
Wm. G. Scarlett & Company, 632 President Street, Baltimore 2, Md. 21202
Schappal Feed Store, Barnesville, Pa.
Walter S. Schell, Inc., 10th & Market Streets, Harrisburg, Pa.
Schenley Distillers, Inc., 1290 Avenue of the Americas, New York 1, N. Y.
Jos. Schlitz Brewing Company, 235 West Galena Street, Milwaukee, Wis.
The Wm. Schluderberg-T. J. Kurdle Company, 3800 East Baltimore St., Baltimore, Md.
Schmeck's Supermarket, 800 Carsonia Avenue, Pennside, Reading, Pa.
C. Schmidt & Sons, Inc., 151 West Marshall Street, Norristown, Pa.
Walter L. Schoemaker, R. D. No. 1, Orefield, Pa.
Schoeneck Farms, Inc., R. D. No. 3, Nazareth, Pa.
Scranton Processing Company, Inc., 1000 South Wyoming Avenue, Scranton, Pa.
Seaboard Allied Milling Corporation, 1550 West 29th Street, Kansas City, Mo. 64108
Seaboard Seed Company, 701 South Front Street, Philadelphia 47, Pa. 19147
Sea Board Supply Company, 35th & Grays Ferry Avenue, Philadelphia, Pa. 19146
Joseph E. Seagram & Sons, Inc., 375 Park Avenue, New York 22, N. Y.
Sears, Roebuck & Company, Department 733-B, 925 S. Homan Avenue, Chicago, Ill. 60607
I. B. Secrist Sons, Millertown, Pa.
Seed Specialists, Inc., 1218 Smallman Street, Pittsburgh, Pa.
Segal's Feed & Supply Company, 790 South Swanson Street, Philadelphia, Pa.
Leroy M. Sensenig, R. D. No. 3, Ephrata, Pa.
Shaffer's Mobile Feed Service, Monroeton, Pa.
Blaine E. Shambaugh, Blain, Pa.
Shamokin Packing Company, 601 Stevens Street, Shamokin, Pa.
Shank's Mill, R. D. No. 4, Waynesboro, Pa.
D. H. Sharrer & Son, Route No. 2, New Oxford, Pa.
G. Farrow Shaw, New Market, Va.
B. F. Sheesley & Son Company, 5100 Jonestown Road, Harrisburg, Pa.
H. K. Shenk, Sheridan, Pa.
The Sherwin-Williams Company, 101 Prospect Avenue, N. W., Cleveland, Ohio
Sherwood Feed Mills, Inc., 801 Eastern Avenue, Baltimore 2, Md. 21202
Shmidheiser's, P. O. Box 96, 45 Limekiln Pike, Edgehill, Glenside, Pa.
M. L. Shoemaker, Div. of Wilson & Company, Inc., Delaware Avenue & Venango St., Philadelphia, Pa.
Shohola Feed & Grain Company, Shohola, Pa.
Sholley's Feed & Grain, Inc., R. D. No. 2, Watsontown, Pa.
Shuchart Feed & Supplies Company, Bank Lane, Hanover, Pa.
R. C. Shuchart, Inc., New Freedom, Pa.
Clarence M. Shuey, R. D. No. 2, Annville, Pa.
Nelson H. Shugart, R. D. No. 1, Millerstown, Pa.
Donald S. Sidle, Bowmansdale, Pa.
John T. Sidle, R. D. No. 2, Shippensburg, Pa.
Simmons Milk Products, Inc., 28 East Jackson Boulevard, Chicago 4, Ill. 60604
Simpson Brothers, 204 West Marshall Street, Norristown, Pa.
Singo Feed Store, 270 East Church Street, Somerset, Pa.
Skelton's Farm Feed & Supply Company, 133 Market Street, Moscow, Pa.
Slab Cabin Farm, R. D. No. 1, State College, Pa.
Allen V. Smith, Inc., P. O. Box 27, Skaneateles, N. Y.
J. Howard Smith, Inc., Shore Road, Port Monmouth, N. J.
Smith Milling Company, 100 West Water Street, Mount Union, Pa.
R. A. Smith Milling Company, 602 East 21st Street, Northampton, Pa.
Smith-Douglass, Div. of The Borden Chemical Company, P. O. Box 419, Norfolk, Va. 23501
Smith's Feed Mills, Blain and Newport, Pa.
Smith's Mill, R. D. No. 2, Danville, Pa.
B. C. Snider & Sons, Williamson and Mercersburg, Pa.
Snook's Mill, Inc., 111 Mill Street, Mifflinburg, Pa.
Snyder Brothers, R. D. No. 2, Bethlehem, Pa.
Snyder Milling Company, 435 South Main Street, Nazareth, Pa.
Estate of Geo. S. Snyder, Inc., 37 Market Street, Hatfield, Pa.
G. S. Snyder, Brodbecks, Pa.
Somerset Milling Company, 302 Stoyestown Road, Somerset, Pa.
Southern Cotton Oil Div., Hunt Foods & Industries, Inc., P. O. Box 646, Macon, Ga.
Southern Fruit Distributors, Inc., P. O. Box 8367, Pinelock Avenue, Orlando, Fla.
Spangler & Sprenkle, Inc., South Seward Street & W. M. R. R., York, Pa.
Spangler's Flour Mills, Inc., (of Mount Joy) Mount Joy, Pa.
A. A. Spannuth & Sons, R. D. No. 1, Myerstown, Pa.
Special Diet Department, Atlas Canine Products, Inc., 79-36 Cooper Ave., Glendale, L. I., N. Y.
Specialized Pet Diets, Inc., 2619 Exposition Boulevard, Los Angeles 18, Calif.
Spencer Milling Company, Thompson, Pa. 18465
Spitzler's Meat Products, Inc., Div. of Penn Machine Co., 477 N. Gallatin Ave., Uniontown, Pa.
Eugene P. Spotts, R. D. No. 2, Honey Brook, Pa.
Stagno's Bakery, 6213 Hoeveler Street, Pittsburgh 6, Pa.

A. E. Staley Manufacturing Company, 22nd & Eldorado Streets, Decatur, Ill.
LeRoy T. Stammel, 5400 Jonestown Road, Harrisburg, Pa.
Standard Brands, Inc., 625 Madison Avenue, New York 22, N. Y.
Standard Chemical Manufacturing Company, 701 South 42nd Street, Omaha, Neb.
Standard Milling Company, 1009 Central Street, Kansas City, Mo.
Stanford Seed Company, 560 Fulton Street, Buffalo, N. Y.
Star-Kist Foods, Inc., 582 Tuna Street, Terminal Island, Calif.
Stark Feed Mills, Massillon, Ohio
J. P. Stark & Son, R. D. No. 2, Tarentum, Pa.
Starner Grain & Feed, Hampton, Pa.
Stauffer Chemical Co., Victor Chemical Division, 380 Madison Avenue, New York, N. Y.
H. M. Stauffer & Sons, Inc., Witmer, Ronks and Leola, Pa.
J. K. Stauffer & Son, Lawn and Elllaire, Pa.
Stegmaier Brewing Company, 152 East Market Street, Wilkes-Barre, Pa.
Stehr Brothers, R. D., Pitman, Pa.
Sterners Grocery, Inc., 400 York Street, Hanover, Pa. 17331
Stevens Feed Mill, Inc., Stevens, Pa.
Jesse C. Stewart Company, 300 Mt. Lebanon Boulevard, Pittsburgh 34, Pa.
Stewartstown Milling Company, Inc., Stewartstown, Pa. 17363
F. W. Stock & Sons, Inc., Bacon Street, Hillsdale, Mich. 49242
Stockton's Wholesale Meats, R. D. No. 1, Columbus, Pa.
Edwin F. Stover Estate, 140 North Seventh Street, Perkasie, Pa.
G. H. Stover's Feed Mill, Centre Hall, Pa.
Straub Brewery, Inc., 303 Sorg Street, St. Marys, Pa.
Strauby's Feed Mill, Weissport, Pa.
Strongheart Packing Company, 208 South LaSalle Street, Chicago, Ill. 60604
Sturdy Dog Food Company, 2103 West Genesee Street, Syracuse, N. Y.
Suffolk Oil Mill, Inc., Bank Street Extension, Suffolk, Va.
Sunday Dinner Packing Company, R. D. No. 2, Sinking Spring, Pa.
Sunday's Mill Company, P. O. Box 274, Carlisle, Pa.
Suni-Citrus Products Company, Haines City, Fla.
Sunny Slope Farms, Inc., Box 69, R. D. No. 2, Bath, Pa. 18014
Sunshine Biscuits, Inc., Milling Division, Grafton, Ohio
Sunshine Brewing Company, West Elm & Gordon Streets, Reading, Pa.
Supersweet Feeds, Div. of International Milling Company, Inc., 1200 Investors Bldg., Minneapolis, Minn. 55415
Swift & Company, Chicago, Illinois and Frankfort, Ind.
Swingle Brothers, Lake Ariel, Pa.
Syracuse Dehydrated Products, Syracuse, Ind.
The Tanvilac Company, Inc., 6th & Corning Avenues, Des Moines, Iowa
Taylor Pet Foods, Bradford Hills, R. D. No. 2, Downingtown, Pa.
J. V. Taylor Company, Wyalusing, Pa.
Teklad, Inc., P. O. Box 348, Monmouth, Ill.
W. M. Templeton & Sons, 119 West Pike Street, Houston, Pa.
Tennessee Corporation, 617-29 Grant Building, Atlanta, Ga.
Terry Lee Products, 244 South Fairview Avenue, St. Paul 5, Minn. 55105
The Theobald Industries, Foot of Sanford Avenue, Kearny, N. J.
Thomas Feed Mill, R. D. No. 2 on U. S. Route No. 219, Holsopple, Pa.
Bruce Thomas, R. D. No. 1, Berwick, Pa.
W. B. Thompson & Son, 20 C.V. Avenue, Waynesboro, Pa.
Thompson & Mateja, West Middlesex and New Wilmington, Pa.
The Thorobred Company, Inc., P. O. Box 313, Waynesville, Pa.
3 Little Kittens Div., Usen Canning Company, 209 New Boston St., Woburn, Mass.
Thrift Feed Mill, Inc., Doylestown and Wycombe, Pa.
Thriftway Foods, Inc., Box 2800, King of Prussia, Pa.
Thrifty Dog Foods, 501 Saxer Avenue, Springfield, Pa.
Thrivo Company, Inc., 919 North Front Street, Philadelphia 23, Pa.
Timco Pet Foods, Div. of Timerson Canning Company, Inc., Fair Haven, N. Y.
Tioga Mills, Inc., Box 150, Waverly, N. Y.
Titusville Coop. G.L.F. Service, Inc., 220 South Monroe Street, Titusville, Pa.
E. H. Tolzman & Sons, Inc., R. D. No. 1, Box 85, Harford Road, Hydes, Md.
Topco Associates, Inc., 431 South Dearborn Street, Chicago 5, Ill.
Leonard M. Torrey, Townville, Pa.
Town Food Market, 1935 Spruce Street, Philadelphia, Pa.
Town & Country Products, 67 Murray Street, New York, N. Y.
Townsends, Inc., Millsboro, Del.
Toyo Shoji Company, Ltd., P. O. Box 141, Tokyo, Japan
Trader's Hardware & Feed Center, 285 Washington Street, East Stourdsburg, Pa.
Trexler Farms, Route No. 81, Springhouse Road, Allentown, Pa.
Tri Associates, Inc., 8500 Pillsbury Avenue South, Minneapolis 20, Minn.
Tri-County Mink Food, Inc., R. D. No. 1, Emmaus, Pa.
Tri River Fur Farmers, Inc., R. D. No. 2, Eighty Four, Pa.
Tropicana Products, Inc., P. O. Box 338, Bradenton, Fla.
Troutman's Feed & Grain, R. D. No. 1, Dornsife, Pa.
Troy Agway Cooperative, Inc., Troy, Pa.
Troy Meat, Inc., Cantor Street, Box 266, Troy, Pa.
Samuel O. Trupe, R. D. No. 1, East Earl, Pa.
Tulip, Inc., 3175 W. John F. Kennedy Boulevard, Philadelphia, Pa. 19104
Turf & Garden Supply, 754 Tod Avenue, Youngstown, Ohio
Turner's Mill, Inc., 225 Railroad Street, Cambridge Springs, Pa.
Twin Brothers, 4021 Market Street, Philadelphia, Pa.
Twin Valley Farm Bureau Coop. Assn., Belleville, Pa.
Two Guys from Harrison, 174 Passaic Street, Garfield, N. J.
Tyrone Milling Company, Box 249, Tyrone, Pa.
Ulsh Farm & Home Supply, Inc., R. D. No. 1, Port Trevorton, Pa.
Ultra-Life Laboratories, Inc., 35th & Walnut Avenue, East St. Louis, Ill.
Ulysses Agway, Inc., Ulysses, Pa.
Umberger's Mill, Inc., R. D. No. 4, Lebanon, Pa.
Uncle George's Seed Farm, Monsey, N. Y.
Union City Cooperative Association, Inc., West High Street Extension, Union City, Pa.

Union Sales Corporation Dist., Union Starch & Refining Co., Inc., 301 Washington St., Columbus, Ind.
United Baking Company, 2311 Carson Street, Pittsburgh 3, Pa.
United Creameries, Inc., Middlebury Center, Pa.
United Mills, 827 Liberty Street, Clarion, Pa.
United States Steel Corporation, P. O. Box 117, Buffalo, N. Y. 14240
Universal Grain Company of New Jersey, 425 South Street, Newark, N. J.
Upper Darby Pet Supplies, 6778 Marshall Road, Upper Darby, Pa.
George Urban Milling Company, 332 North Oak Street, Buffalo 3, N. Y.
Usen Canning Company, 209 New Boston Street, Woburn, Mass.
Valley Farm & Lawn Supply, Mercer Avenue, Sharpsville, Pa.
Valley Feed & Supply Company, Inc., Union Road & R. R., Spring Valley, N. Y.
Valley Pet Food Company, Div. of Best Feeds & Farm Supplies, Inc., Oakdale, Pa.
Van Brode Milling Company, Cameron Street, Clinton, Mass.
Van Camp Sea Food Company, Div. of Ralston Purina Company, 840 Van Camp St., Long Beach, Calif.
E. W. Vandervort, Clarks Mills, Pa.
Vandervort Mills, Inc., 120 Mill Street, Laceyville, Pa.
The Van Iderstine Company, 37-30 Review Avenue, Long Island City, N. Y.
Van-Mar Feeds, Inc., Box 295, Leesport, Pa.
VegeFat, Inc., P. O. Box 157, National Stockyards, Ill.
Verity Mills, Inc., 345 Babcock Street, Buffalo, N. Y. 14210
Vets' Division of Perk Foods Company, 500 North Dearborn Street, Chicago 10, Ill.
Vigortone Products, Inc., 931 Blairs Ferry Road, N. E., Cedar Rapids, Iowa 52406
Vitamineral Products Company, 1520 N. E. Adams Street, Peoria, Ill.
Vit-A-Way, Inc., P. O. Box 4311, Fort Worth 6, Tex.
Vogt's Rendering Works, R. D. No. 1, Lewistown, Pa.
Vornado, Inc., 174 Passaic Street, Garfield, N. J.
Vose & Sons Supply Company, Route No. 138, South Easton, Mass.
VyLactos Laboratories, Inc., 1901 East Euclid Avenue, Des Moines, Iowa
Wagner Brothers Feed Corporation, 1160 Myrtle Avenue, Brooklyn, N. Y. 11221
Earl A. Walbert, R. D. No. 1, Mertztown, Pa.
Walker Brothers, 36 Hood Street, Chambersburg, Pa.
C. L. Walker & Sons, Elizabethville, Pa.
Hiram Walker & Sons, Inc., Foot of Edmund Street, Peoria, Ill. 61601
Hiram Walker & Sons, Ltd., Walkerville, Ontario, Canada
J. C. Walker & Son, Inc., Gap, Pa.
Wallkill Valley Molasses Company, Inc., Sussex, N. J.
Walters Grains Company, Inc., 74 Laurel Street, Philadelphia 23, Pa.
Ward Baking Company, 1024 Mahoning Avenue, Youngstown, Ohio
Ward Feed Company, 526 Crescent Boulevard, P. O. Box 632, Glen Ellyn, Ill.
Warner Company, P. O. Box 448, Bellefonte, Pa.
Warner Dog Food Company, Inc., 12 Franklin Street, Brooklyn 22, N. Y.
Washington County Farm Bureau Coop. Assn., 268 West Wheeling Street, Washington, Pa.
Watkins Products, Inc., 150 Liberty Street, Winona, Minn.
Watson's Rendering Plant, R. D. No. 1, Allenwood, Pa. 17810
Wayland Farm Supply, 301 West Washington Avenue, DuBois, Pa.
Waymart Milling Company, Waymart, Pa.
Wayne Feed Supply Company, Inc., 717 Davis Street, P. O. Box 538, Fort Wayne, Ind. 46801
Waynesburg Milling Company, 387 South Washington Street, Waynesburg, Pa.
Weigel Brothers, Commerce Street, Oxford, Pa.
Harry J. Weimer Jr., Maitland Roller Mills, R. D. No. 3, Box 207, Lewistown, Pa.
O. B. Weinman Fur Farm, R. D. No. 2, Wexford, Pa.
Weirton Dehydrators, Div. of Weirton Ice & Coal Supply Co., Colliers Way, Weirton, W. Va.
Weiss Packing Company, Inc., R. D. No. 1, Turkey Hollow, Donora, Pa.
Welles Mill Company, Wyalusing, Pa.
Ralph Wells & Company, 617 South "D" Street, Monmouth, Ill.
C. P. Wenger & Sons, 27 East Main Street, Ephrata, Pa. 17522
Monroe N. Wenger, 1 Shellbourne Road, Linstead, Reading, Pa.
Wenger's Feed Mill, Inc., (M. M. Wenger), Rheems, Pa.
H. R. Wentzel Sons, Landisburg and Newport, Pa.
Wentzel & Metz, Schuylkill Avenue, Hamburg, Pa.
Charles Werner Company, South Tulpehocken Street, Pine Grove, Pa.
Wertz Milling Company, 60 Werner Street, Wernersville, Pa.
Wessel, Duval & Company, Inc., 67 Broad Street, New York 4, N. Y. 10004
West Sunbury Milling Company, West Sunbury, Pa.
West Waynesburg Feed Service, Waynesburg, Pa.
West Willow Farmers Ass'n., Inc., West Willow, Pa.
Westerman's Feed Stores, Sarver and Freeport, Pa. 16055
Western Feed Company, 121 East Market Street, Wilkes-Barre, Pa.
Western Flour Company, 100 Lincoln Avenue, Ext., Charleroi, Pa.
Western Grain Company, P. O. Box 871, Birmingham 1, Ala.
Western Pennsylvania Fur Farmers Coop. Assn., R. D. No. 1, Ebensburg, Pa.
Wesford Milling Company, Westford, Pa.
Westgate-California Products, Inc., 1995 Bay Front, San Diego, Calif.
Westmoreland Agway, Inc., 1016 Green Street, Greensburg, Pa.
The Wheatena Corporation, Highspire Flour Mills Division, Highspire, Pa.
Whitebread Brothers, 309 East Poplar Street, West Nanticoke, Pa.
Whitebread's Mill, R. D. No. 2, Wapwallopen, Pa.
White Horse Roller Mills, R. D. No. 1, Box 232, Gap, Pa. 17527
Whiteside & Weicksel, Route No. 1, Oxford, Pa.
R. H. Whiting & Son, 470 Court Street, Binghamton, N. Y.
Whitmoyer Laboratories, Inc., 19 North Railroad Street, Myerstown, Pa.
Whitmoyer's Swatara Creek Mills, R. D. No. 1, Myerstown, Pa.
Whitney Seed Company, Inc., 52 Leslie Street, Buffalo, N. Y.
Whiz Pet Food Company, 2000 Alaskan Way, Seattle 1, Wash.
The George Wiedemann Brewing Company, 601 Columbia Street, Newport, Ky.
Wilbur-Ellis Company, 800 Second Avenue, New York 17, N. Y. 10017
Wild Bird Conservation, 1160 Myrtle Avenue, Brooklyn, N. Y.
Wilkins-Rogers Milling Company, Inc., 3261 K Street, N. W., Washington, D. C.
The Williams Brothers Company, 162 North Water Street, Kent, Ohio

Williams Milling Company, 14 Church Street, Quincy, Mich.
Garfield Williams, Inc., 1072 West Side Avenue, Jersey City, N. J.
C. S. Willis & Sons, 5th Street & Reading R. R., Lemoyne, Pa.
Wilson & Company, Inc., Prudential Plaza, 4200 S. Marshfield Ave., Chicago, Ill. 60601
Wilson's Corn Products, Inc., East 4th Street, Rochester, Ind.
The Winchester Canning Company, Box 36, Canal Winchester, Ohio
Wineka Feed Service, Park & Weaver Streets, Red Lion, Pa.
Wineland Feed Store, Claysburg, Pa.
Wineland Milling Company, East Freedom and Claysburg, Pa.
Wingerton Elevator Company, R. D. No. 3, Waynesboro, Pa.
Wirthmore Feeds, Inc., 343 Winter Street, Waltham, Mass.
Wise Potato Chip Company, 228 Raseley Street, Berwick, Pa.
Calvin M. Witmer, Selinsgrove, Pa.
Wolgemuth Brothers, Inc., 230 South Market Avenue, Mount Joy, Pa.
Wood's Farm Supply, Athens, Pa.
C. E. Woolever, R. D. No. 1, Catawissa, Pa.
Wright Feeds, 16225 South Paramount Boulevard, Paramount, Calif.
Wright Milling Company, R. D. No. 1, Claysburg, Pa.
X-El Food Products, 1140 Greenwood Avenue, Wyncote, Pa.
Xtra Factors, Inc., 99 Locust Bend Road, Ephrata, Pa.
Yieldmor Feeds, Inc., 101 South Downing, Piqua, Ohio
Yocum's Farm Supply, Allenwood, Pa.
York Flour Mills, Inc., R. D. No. 5, York, Pa.
F. S. Yost's Son, Pleasant Valley, Pa.
Young's Vitamin & Mineral Products Company, R. D. No. 1, Roaring Spring, Pa.
Youngsville Cooperative G.L.F. Service, Inc., Youngsville, Pa.
Zartman's Roller Mill, R. D. No. 1, Lititz, Pa.
Meyer Zausner, Inc., New Holland, Pa.
Zechman's Flour Mills, Inc., Potts Grove, Pa.
Zeigler Brothers Feed Mills, Inc., Gardners, Pa.
Zeigler Brothers Feed Mills, Inc., New Bloomfield, Pa.
Zellers Laboratories, Orrton & Noble Streets, Reading, Pa.
Zimmers' Feed Mill, Inc., 111-123 S. Washington Street, Boyertown, Pa.
M. Simon Zook Company, Honey Brook, Pa. 19344
Zook's Flour Mills, R. D. No. 1, Leola, Pa.
Zortman Flour & Feed Company, Mill Street, Edinboro, Pa.
John L. Zug & Son, Inc., Richland, Pa.

LIST OF REGISTRANTS UNDER

PENNSYLVANIA FERTILIZER LAW FOR 1964-1965

The Abyl Company, P. O. Box 8111, Pittsburgh, Pa.
Acker's Hardware, 220 Huntington Pike, Rockledge, Philadelphia, Pa.
Acme Insecticide Division, Acme Quality Paints, Inc., 8250 St. Aubin Ave., Detroit, Mich. 48211
Agricultural Products Div., Nelson Steel & Wire Company, 9400 W. Belmont Ave., Franklin Park, Ill.
Agway, Inc., Mr. William J. Tucker, Fertilizer Div., 1001 W. Seneca St., Ithaca, N. Y. 14850
Aimcee Wholesale Corporation, 1440 Broadway, New York 18, N. Y.
Alaska Fertilizer Company, 84 Seneca Street, Seattle 1, Wash.
Paul E. Allen Company, Palm Harbor, Fla.
American Agricultural Chemical Company, 100 Church Street, New York 7, N. Y.
American Cyanamid Company, P. O. Box 400, Princeton, N. J. 08540
American Humates, Inc., 2328 Fidelity Union Tower, Dallas 1, Texas
American Liquid Fertilizer Company, Inc., Second Street at St. Clair, Marietta, Ohio 45750
American Soil Builders & Research Corp., P. O. Box 1004, 221 Colonial Lane, Mason City, Iowa
The A-Penn Oil Company, Butler, Pa.
Appalachian Stone Division, Martin-Marietta Corporation, P. O. Box 120, Mercersburg, Pa.
Arbogast & Bastian, Inc., 19 Hamilton Street, Allentown, Pa.
Archer-Daniels-Midland Company, 733 Marquette Avenue, Minneapolis, Minn.
Armour Agricultural Chemical Company, P. O. Box 3478, Curtis Bay, Baltimore, Md.
Asgrow Seed Company, 205 Church Street, New Haven 2, Conn.
Atlas Fish Fertilizer Company, No. 1 Drumm Street, San Francisco 11, Calif.
Barrow Forest Products Company, P. O. Box 68, Ahoskie, N. C.
The F. A. Bartlett Tree Expert Company, 2770 Summer Street, Stamford, Conn. 06905
The Baugh Chemical Company, 1701 South Delaware Avenue, Philadelphia 48, Pa.
Bethlehem Steel Company, Ammonium Sulphate Division, 701 East Third St., Bethlehem, Pa. 18016
Bio Chem, Inc., 512 Penn Avenue, Turtle Creek, Pa.
Bishop Processing Company, Bishop, Md.
Black Magic, Inc., 530 6th Street, P. O. Box 578, Hermosa Beach, Calif.
Blackstone Guano Company, Inc., Blackstone, Va.
The Borden Chemical Company, A Division of The Borden Company, 350 Madison Ave., New York 17, N. Y.
O. S. Brock Distributing Company, 156 Popular Street, Meadville, Pa.
Bryan Chemical Company, 27 South Gay Street, Baltimore, Md.
Bryn Mawr Feed and Seed Company, 706 Lancaster Avenue, Bryn Mawr, Pa.
W. Atlee Burpee Company, 18th & Hunting Park Avenue, Philadelphia 32, Pa.
Cambridge Labs, Inc., 60 East 42nd Street, New York, N. Y.
H. D. Campbell Company, 402-410 Dewey Avenue, Rochelle, Ill.
Carbola Chemical Company, Inc., Natural Bridge, N. Y.
Carlisle Fertilizer Works, Inc., P. O. Box 574, Carlisle, Pa.
Central Chemical Corporation, 49 N. Jonathan Street, P. O. Box 310, Hagerstown, Md. 21740
Central Farmers Fertilizer Co., c/o Pennsylvania Farm Bureau Coop. Assn., P. O. Box 2323, Hbg., Pa.
Chamberlin & Barclay, Inc., P. O. Box 416, Cranbury, N. J.
Chastity Hill Farm, Star Route, South, Ligonier, Pa.
Chemagro Corporation, P. O. Box 4913, Hawthorn Road, Kansas City, Mo.
Chevron Chemical Company, Ortho Division, Lucas Street & Ortho Way, Richmond, Calif.
Chilean Nitrate Sales Corporation, 120 Broadway, New York 5, N. Y.
Clinton Nursery Products, Inc., Post Road, Clinton, Conn.
Cloro-Spray Corporation, 129 State Street, Dover, Del.
Clover Chemical Company, P. O. Box 10865, Pittsburgh 36, Pa. 15236
The Columbiana Boiler Company, 200 West Railroad Street, Columbiana, Ohio
Comark Corporation, Agway, Inc., Terrace Hill, Ithaca, N. Y.
The Conard-Pyle Company, West Grove, Pa.
Cooperative Fertilizer Service, Baltimore, Md.
Cotter & Company, 2740 Clybourn Avenue, Chicago, Ill. 60614
Country Squire Fertilizers, Div. of Morris Karr & Son, Drawer K, Farmingdale, N. Y.
Cumberland Valley Cooperative Assn., Shippensburg, Pa.
Dartmouth Marketing Company, 7711 Gross Point Road, Skokie, Ill.
The Davey Tree Expert Company, Inc., 117 South Water Street, Kent, Ohio
Del Chemical Corporation, W158 N9332 Nor X Way Avenue, Menomonee Falls, Wis.
Denmandale Farms, Route 1, Cortland, Ohio
Paul J. Devitt Hardware Company, Coasteville, Pa.
Driconure Company, 8501 Brandt Avenue, Dearborn, Mich. 48126
E. I. du Pont de Nemours & Company, 6054 Du Pont Building, Wilmington, Del. 19898
Duval Sulphur & Potash Co., c/o Penna. Farm Bureau Coop. Assn., 3609 Derry St., Harrisburg, Pa.
Dynamic Industrials, Inc., 1020 Central Street, Evanston, Ill.
Eastern Dehydrating Company, Route 7, Lexington, N. C.
Eastern States Soilbuilders, Inc., Sharpsburg, Md.
Amos Eby & Company, Paradise, Pa.
Elanco Products Company, A Div. of Eli Lilly & Company, 740 S. Alabama St., Indianapolis, Ind.
Erie Reduction Company, Foot of East Avenue, P. O. Box 1677, Erie, Pa.
The Espoma Company, P. O. Box 431, Millville, N. J.
Excel Seed Company, 5300 Katrine Avenue, Downers Grove, Ill.
Faesy & Besthoff, Inc., 143 River Road, Edgewater, N. J. 07020
Farmers Chemical Association, Inc., P. O. Box 67, Tyner, Tenn.
Farmers Fertilizer & Feed Company, P. O. Box 387, Westminster, Md.
Farmers Fertilizer Works, 365 West Bainbridge St., Elizabethtown, Pa. 17022
Farmers Organic, P. O. Box 32, Linwood, N. C.
Federal Chemical Company, 646 Starks Builsing, Louisville, Kentucky
Federal Chemical Company, Prospect Palins, Cranbury, N. J.
Feeney's Garden Center, Bustleton Pike, Feasterville, Pa.
Fertl-Soil Company, 673 New Brunswick Avenue, Rahway, N. J.
Fisher & Sons, Inc., East King Street, Malvern, Pa.
Food Fair Stores, Inc., 3175 W. John F. Kennedy Blvd., Philadelphia, Pa.
Ford Motor Company, Steel Division, 3001 Miller Road, Dearborn, Mich.
Fruit Growers of Chester County, Inc., 250 S. Franklin Street, West Chester, Pa.
Garden Spot Fertilizer Company, 220 East New Street, Lancaster, Pa.
General Products of Ohio, 38 North Main Street, Lexington, Ohio
Goulard & Olena, Inc., Skillman, N. J.
W. R. Grace & Company, Davison Chemical Div., Hill Plant, Baltimore 26, Md.
W. R. Grace & Company, Nitrogen Products Div., 147 Jefferson Ave., Memphis 3, Tenn.

W. R. Grace & Company, Davison Chemical Co., Specialty Products Div., Box 2117, Baltimore, Md.
Graham Division, Summers Fertilizer Company, Inc., P. O. Box 487, Somerset, Pa.
Gray Chemical, Inc., P. O. Box 119, Gloucester, Mass.
Greenlife Products Company, West Point, Va.
Green Thumb Products, 4401 Lagrange St., P. O. Box 6543, Toledo, Ohio
Griffith & Boyd Company, 2225 South Highland Avenue, Baltimore, Md.
Growers Chemical Corporation, Lockwood Road, Milan, Ohio
Growfast, Market Street, McKeesport, Pa.
Louis Hahn & Son, Inc., Babcock Boulevard, Pittsburgh, Pa.
Hercules Powder Company, Two Gateway Center, Pittsburgh, Pa.
Hercules Powder Company, Hercules Tower, 910 Market Street, Wilmington, Del.
Heritage House Products, Inc., Bristol, Ill. 60512
Hoff Chemical Corporation, P. O. Box 215, 21826 Telegraph Road, Flat Rock, Mich.
A. H. Hoffman, Inc., Landsiville, Pa.
Hoosier Soil Service Company, P. O. Box 149, Bluffton, Ind.
Hydroponic Chemical Company, Inc., P. O. Box 97-C, Copley 21, Ohio
Independence Hall Seed Co., Sub. of Druid Hill Park Seed Corp., 2700 Wilmarco Ave., Baltimore, Md.
Independent Manufacturing Co., Wheat Sheaf Lane & Aramingo Ave., Philadelphia, Pa.
Interlake Steel Corporation, 13500 Perry Avenue, Chicago, Ill. 60627
International Minerals & Chemical Corporation, 5401 Old Orchard Road, Skokie, Ill.
International Minerals & Chemicals, c/o Penna. Farm Bureau Coop. Assn., 3609 Derry St., Hbg., Pa.
William A. Johnson, 422½ Elizabeth Street, Everett, Pa.
Jones & Laughlin Steel Corporation, 3 Gateway Center, Pittsburgh 30, Pa.
Kansas City Stock Yards Co., Fertilizer Div., Room 730 Livestock Exchange Bldg., Kansas City, Mo.
Kapco Div., The Summers Fertilizer Company, Inc., Stoystown Road, P. O. Box 487, Somerset, Pa.
N. S. Koos & Son Company, 4500 13th Court, Kenosha, Wis.
E. J. Korvette, Inc., 12 East 46th Street, New York, N. Y.
S. S. Kresge Company, Detroit, Mich.
Lancaster Bone Fertilizer Company, Inc., 301 Park Avenue, Quarryville, Pa.
Lawn-Tex, Inc., 2005 East End Avenue, Box 101, Chicago Heights, Ill.
Lebanon Chemical Corporation, P. O. Box 180, Lebanon, Pa.
Lewis International Company, 1811 Springfield Avenue, Maplewood, N. J.
Locust Point Quarries, P. O. Box 289, Mechanicsburg, Pa. 17055
Lofts Pedigreed Seed, Inc., Chimney Rock Road, Bound Brook, N. J.
Loncala Phosphate Company, Box 766, High Springs, Fla.
T. Frank McCall's Sons, 6th & Madison Street, Chester, Pa.
Alvin G. McClellan, Bethlehem Pike, Springhouse, Pa.
McNair Farms, P. O. Box 1509, Laurinburg, N. C.
The Mamlon Company, 1089 Whalley Avenue, P. O. Box 3046, New Haven, Conn. 06515
Marsteller Grain, Inc., Trexlertown & Macungie, Pa.
Mayfield Gardens, 7801 West Chester Pike, Upper Darby, Pa.
Measured Soil Foods, Inc., North Main Street, Biglerville, Pa.
Milazzo Charcoal & Fertilizer Company, 105 South Main Street, Pittston, Pa.
Millardsville Fertilizer Works, Route No. 1, Myerstown, Pa.
Miller Chemical & Fertilizer Corp., 3006 Coldspring Lane, Baltimore 15, Md. 21215
Mobil Chemical Co., Div. of Socony Mobil Oil Company, Inc., P. O. Box 1136, Richmond, Va.
Mock Seed Company, 13th & Smallman Streets, Pittsburgh 30, Pa.
Monsanto Company, 800 North Lindbergh Avenue, St. Louis 66, Mo. 63166
Montgomery-Bucks Farm Bureau Coop. Assn., 67 Washington Avenue, Souderton, Pa.
Montgomery Ward, 619 W. Chicago Avenue, Chicago, Ill.
Na-Churs Plant Food Company, 421 Monroe Street, Marion, Ohio
"Na-Churs"Plant Food Company (Canada) Ltd., Box 84, London, Ontario, Canada
National Chemsearch Corporation, P. O. Box 217, Irving, Texas
The Natural Development Company, Box 215, Bainbridge, Pa. 17502
New Plant Life, Div. of C. O. Finley & Company, 30 East 26th Street, Chicago, Ill. 60616
Nitrogen Division, Allied Chemical Corporation, P. O. Box 61, Hopewell, Va.
Lloyd W. Nolt, Nolt's Ponds, Silver Spring, Pa.
Nucera Garden Center, Bethlehem Pike & Arlingham Road, Flourtown, Pa.
Olin Mathieson Chemical Corporation, P. O. Box 991, Little Rock, Ark.
Organic Compost Corporation of Pennsylvania, P. O. Box 70, Oxford, Pa.
Organic Growth Products Company, P. O. Box 446, Farmingdale, N. J.
Organic Plant Food Company, Grofftown Road, P. O. Box 132, Lancaster, Pa.
Orner's Road Stand & Nursery, 15 West Eagle Road, Havertown, Pa.
Pancoast Gardens, 2625 West Chester Pike, Broomall, Pa.
Philip R. Park, Inc., Berth 42, San Pedro, Calif.
Lee Patten Seed Company, Purcell Court, Moonachie, N. J.
Pax Company, Div. of Utah Coop. Assn., P. O. Box 2310, 580 W. 13th South, Salt Lake City 10, Utah
Drew Pearson's Farms, 38 West Main Street, Lexington, Ohio
Penn Fruit Company, P. O. Box 6122, Grant Avenue & Bluegrass Road, Philadelphia 15, Pa.
Penn Ohio Fertilizer Company, Inc., 660 East Beaver Street, Mercer, Pa.
Pennsylvania Dutch Fertilizer Company, P. O. Box 180, Lebanon, Pa.
Pennsylvania Farm Bureau Coop. Assn., 3609 Derry Street, Harrisburg, Pa.
Perk-Up Products Company, P. O. Box 98, Elm Street, South Deerfield, Mass.
Robert B. Peters Company, 2833 Pennsylvania Street, Allentown, Pa.
Pittsburgh Plate Glass Chemical Division, One Gateway Center, Pittsburgh 22, Pa.
Plantabbs Corporation, Timonium, Md. 21093
Plant Products Corporation, Kennedy Avenue, Blue Point, N. Y.
Plant Shine Company, Div. of Schultz Company, 404 South 4th Street, St. Louis 2, Mo.
John Pleva, Box 182, R. D. No. 1, Temple, Pa.
Potash Company of America, c/o Penna. Farm Bureau Coop. Assn., 3609 Derry St., Harrisburg, Pa.
Warner W. Price Company, Inc., Box 591, Smyrna, Del. 19977
Pride of the Valley Mills, Inc., Vernon, N. J.
Pro Hardware, Inc., P. O. Box 108, Kenosha, Wis.
Rapidgro Corporation, 88 Ossian Street, Dansville, N. Y.
Reading Bone Fertilizer Company, P. O. Box 232, Reading, Pa. 19603
Robert A. Reichard, Inc., 19th & West Lawrence Streets, Allentown, Pa.
Republic Steel Corporation, Republic Building, Cleveland, Ohio
F. S. Royster Guano Company, Richland, Pa.
St. Louis National Stockyards Company, Exchange Building, National Stock Yards, Ill.
Sanfax Corporation, P. O. Box 604, Atlanta, Ga. 30301
Schluderberg-Kurdle Company, Inc., 3800 East Baltimore Street, Baltimore 24, Md.
O. M. Scott & Sons, Marysville, Ohio

S & D Products, Inc., 216 South Minnesota Street, Prairie du Chien, Wis.
Seaboard Seed Company, Gulf Building, Pittsburgh, Pa.
Sears, Roebuck & Company, Department 671, 925 South Homan Avenue, Chicago 7, Ill. 60607
George V. Seiple & Son, Nulton & William Penn Highway, Easton, Pa.
Sewerage Commission of the City of Milwaukee, Box 2079, Milwaukee, Wis. 53201
Shenango, Inc., Neville Island, Pa.
Smith-Douglas Company, Inc., P. O. Box 419, Norfolk 1, Va.
Solar Nitrogen Chemicals, Inc., P. O. Box 628, Lima, Ohio
South West Potash Corp., Sub. of American Metal Climax, Inc., 1270 Ave. of the Americas, N. Y., N.Y.
Southern Nitrogen Company, Inc., P. O. Box 246, Savannah, Ga.
Southern Plant Food Company, Inc., P. O. Box 33, 317 Rip Rap Road, Hampton, Va.
Specialty Products Company, P. O. Box 114, Latty, Ohio
Spee-D-Gro Company, 1010 Denison Avenue, Cleveland 9, Ohio
Spencer Chemical, Div. of Gulf Oil Corporation, 610 Dwight Building, Kansas City, Mo.
The Stadler Fertilizer Company, 1010 Denison Avenue, Cleveland 9, Ohio 44109
Stanford Seed Company, 560 Fulton Street, Buffalo, N. Y.
Star Town & Country, 67 S. Laurel Street, P. O. Box 274, Bridgeton, N. J.
Stern's Garden Products, Inc., 404 William Street, Geneva, N. Y. 14456
Stim-U-Plant Laboratories, Inc., 2077 Parkwood Avenue, Columbus 19, Ohio
Stokle, Inc., Kennett Square, Pa.
Strafford Hardware Company, 745 Lancaster Avenue, Strafford, Pa.
C. W. Stuart & Company, 165 East Union Street, Newark, N. Y.
Styer's Nurseries, U. S. Route No. 1, Concordville, Pa.
The Summers Fertilizer Company, Inc., 210 E. Redwood Street, Baltimore 2, Md.
Swift & Company, Agricultural Chemicals Div., 5600 Chemical Road, Curtis Bay, Baltimore, Md.
Swiss Farms, Inc., P. O. Box J, Philmont, N. Y.
Tennessee Valley Authority, c/o Penna. Farm Bureau Coop. Assn., 3609 Derry St., Harrisburg, Pa.
Thompson Sales Company, P. O. Box 246, Montgomery, Ala.
R. Thorpe & Sons, R. D. No. 1 Stony Brook Road, Newtown, Pa.
Topco Associates, Inc., 7711 Gross Point Road, Skokie, Ill.
Trenton Bone Fertilizer Company, 1350 New York Avenue, Trenton, New Jersey 08638
Two Guys from Harrison, Garfield, N. J.
Homer Uhler, Box 96, Paoli, Pa.
U. S. Borax & Potash Co., c/o Penna. Farm Bureau Coop. Assn., 3609 Derry St., Harrisburg, Pa.
U. S. Phosphoric Company, c/o Penna. Farm Bureau Coop. Assn., 3609 Derry St., Harrisburg, Pa.
U. S. Phosphoric Products, Div. of Tennessee Corp., P. O. Box 3269, Tampa 1, Fla. 33601
U. S. Soil Conditioning Corp., Salida, Colo.
United States Steel Corporation, 525 William Penn Place, Pittsburgh 30, Pa. 15230
Universal Chemical Company, Inc., P. O. Box 195, West Lynn, Mass.
Valu-Gro Corporation, Princeton, N. J.
Vaughan's Seed Company, 5300 Katrine Avenue, Downers Grove, Ill.
Victor Chemical Works, Div. of Stauffer Chemical Co., 380 Madison Avenue, New York 17, N. Y.
Virginia-Carolina Chemical Co., Div. of Socony Mobil Oil Co., Inc., 2000 Chesapeake Ave., Bal., Md.
Virginia Cattle Feeding Corporation, Box 8, Branchville, Va.
Vital Earth Products, Inc., 121 South Robinson Avenue, Florence, Colo.
Vornado, Inc., 174 Passaic Street, Garfield, N. J.
Walker-Gordon Laboratory Company, Plainsboro, N. J.
The Wayside Gardens Company, Mentor, Ohio
Webb's Super Gro Products, Inc., 540 High Street, Flemington, Pa.
Weirton Dehydrators, Div. of Weirton Ice & Coal Supply Co., Weirton, W. Va.
Western Auto Supply Co. of Kansas City, c/o L. Teweles Seed Co., 222 S. Third St., Milwaukee, Wis.
Whitney Seed Company, Inc., P. O. Box 250, Buffalo, N. Y. 14240
Wright Feeds, 16493 S. Paramount Boulevard, Paramount, Calif.
York Stone & Supply Company, P. O. Box 1948, York, Pa.

LIST OF REGISTRANTS UNDER

PENNSYLVANIA LIME LAW FOR 1964-1965

Adams Agstone, Inc., R. D. No. 5, Hanover, Pa.
Agricultural Lime Company, R. D. No. 1, Box 302, Derry, Hillside, Pa.
Agrolime Company, Cove Point, Md.
Allegheny Mineral Corporation, Parker Plant, P. O. Box 10, Kittanning, Pa.
Allied Chemical Corporation, Solvay Process Division, P. O. Box 271, Syracuse 1, N. Y.
Appalachian Stone Div., Martin-Marietta Corporation, P. O. Box 120, Mercersburg, Pa.
Baker Stone Company, Bloomsburg, Pa.
The J. E. Baker Company, 232 East Market Street, P. O. Box 1189, York, Pa.
S. W. Barrick & Sons, Inc., Woodsboro, Md.
Basic Dolomite, Agricultural Division of Basic, Inc., 845 Hanna Building, Cleveland 15, Ohio
Belmont Limestone Company, R. D. No. 1, Paradise, Pa.
Bestwall Gypsum Company, 120 East Lancaster Avenue, Ardmore, Pa.
Bethlehem Mines Corporation, Stone & Slag Division, Bethlehem, Pa. 18016
David M. Burkholder, R. D. No. 3, Ephrata, Pa.
Calcite Quarry Corporation, P. O. Box 629, Lebanon, Pennsylvania 17042
Calcium Stone Corporation, West Logan Boulevard, Burnham, Pa.
The Carbon Limestone Company, Lowellville, Ohio
G. & W. H. Corson, Inc., Plymouth Meeting, Pa.
County Line Stone Company, Inc., County Line Road, Akron, N. Y. 14001
Irvin A. Dively, Box 72, Claysburg, Pa.
D. & S. Lime Company, R. D. No. 1, Baxter, Pa.
Duquesne Slag Products Company, 429 Forbes Avenue, Pittsburgh 19, Pa.
Dynamic Industrials, Inc., 1022 Central Street, Evanston, Ill.
Eastern Lime Corporation, R. D. No. 2, Kutztown, Pa.
Ehrenzeller Lime Company, R. D. No. 1, McVeytown, Pa.
Elkland Leather Company, Inc., Tyoga Products Division, Elkland, Pa.
Evans-Roberts, Inc., P. O. Box 135, Norristown, Pa.
Faylor Lime & Stone Company, Winfield (Union County) Pa.
George W. Finniff, Sr., 48 North Main Street, Mercersburg, Pa.
Flintkote Company, M. J. Grove Lime Division, Lime Kiln, Md.
Frontier Stone Products, Inc., P. O. Box 436, Lockport, N. Y.
Fulkroad Lime Quarry, McAlisterville, Pa.
Gibsonburg Lime Products Company, Gibsonburg, Ohio
Girard Paint Products, Inc., 2658 North Reese Street, Philadelphia 33, Pa.
G. M. Lime Company, Dayton, Pa.
Greer Limestone Company, Morgantown (Greer) W. Va.
Grove City Limestone Company, R. D. No. 1, Branchton, Pa.
Heritage House Products, Inc., Bristol, Ill.
A. H. Hoffman, Inc., Landisville, Pa.
Honey Creek Lime Company, Reedsville, Pa.
Jefferson County Lime Company, R. D. No. 1, Mingo Junction, Ohio
Keystone Lime Company, Springs, Pa.
David B. Knisely, R. D. No. 1, Claysburg, Pa.
A. G. Kurtz & Sons, Inc., R. D. No. 1, Denver, Pa.
LeGore Lime Company, LeGore, Md.
Limestone Products Corporation of America, 122 Main Street, Newton, N. J.
Lycoming Silica Sand Company, R. D. No. 2, (Milton Quarry) Milton, Pa.
Lycoming Silica Sand Company, Pine Creek Plant, R. D. No. 2, Jersey Shore, Pa.
Locust Point Stone Quarries, Route No. 1, Mechanicsburg, Pa.
C. D. McCanna, R. D. No. 2, Kittanning, Pa.
Macin, Inc., P. O. Box 109, Ellwood City, Pa.
The Marble Cliff Quarries Company, 2100 Tremont Center, Columbus 21, Ohio
Ivan M. Martin, Inc., Blue Ball, Pa.
The Mechtly Lime Works, 1209 West Fourth Street, Williamsport, Pa.
Meckley's Limestone Products, R. D. No. 1, Herndon, Pa.
Mercer Lime & Stone Company, Branchton, Pa.
Midland Slag Company, 1200 Stambaugh Building, Youngstown 1, Ohio
H. E. Millard Lime & Stone Company, Annville, Pa.
M & M Lime Company, R. D. No. 2, Dayton, Pa.
Narehood Brothers, Inc., Tyrone, Pa.
National Gypsum Company, 325 Delaware Avenue, Buffalo 2, N. Y.
National Limestone Quarry, R. D., Middleburg, Pa.
Neidigh Brothers Limestone Company, Inc., 813 W. Beaver Avenue, State College, Pa.
New Castle Lime & Stone Company, 512 Temple Building, New Castle, Pa.
New Enterprise Stone & Lime Company, Inc., New Enterprise, Pa.
The New Jersey Zinc Company, 160 Front Street, New York 38, N. Y.
Niverton Lime Company, R. D. No. 1, Salisbury, Pa.
Ohio Lime Company, Woodville, Ohio
Oyster Shell Corporation, 1008 Keyser Building, Baltimore 2, Md.
Royer Lime Quarry, R. D. No. 2, Milton, Pa.
Sproul Lime & Stone Company, R. D., Claysburg, Pa.
Standard Lime & Cement Company, Div. of Martin-Marietta Corp., 200 First National Bank Bldg.,Bal.Md.
Standard Slag Company, 1200 Stambaugh Building, Youngstown 1, Ohio
Sugar Hill Limestone Company, 11 Brown Street, Reynoldsville, Pa.
Switzer Brothers Limestone Company, No. 1, Fairmount City, Pa.
Thomasville Stone & Lime Company, Thomasville, Pa.
Union Carbide Corporation, Linde Division, 270 Park Avenue, New York 17, N. Y.
United States Gypsum Company, 101 South Wacker Drive, Chicago 6, Ill.
United States Steel Corporation, P. O. Box 117, Buffalo, N. Y. 14240
United States Steel Corporation, 525 William Penn Place, Pittsburgh 30, Pa.
Valley Quarries, Inc., R. D. No. 5, Chambersburg, Pa.
Warner Company, 1721 Arch Street, Philadelphia 3, Pa.
Warren Limestone Company, 112 Oaktree Avenue, South Plainfield, N. J.
Farber White Limestone Company, Franklin, N. J.
Fred G. Williams, R. D. No. 4, Stroudsburg, Pa.
Winfield Lime & Stone Company, West Winfield, Pa.
York Stone & Supply Company, Box 1564, York, Pa.

COMMERCIAL FEED CONSUMPTION - 1964

MIXED FEEDS

ind	Tons Sold
oultry Feeds	
Chick Starter & Grower	100,315
Breeder and Layer	399,857
Broiler	141,592
Supplements	53,926
cratch Grains	30,738
urkey Feeds	29,074
urkey Supplements	5,388
uck Feeds	399
otal Poultry Feeds	761,789
airy Feeds	
20% Protein & under	420,092
Over 20% Protein	28,840
Concentrates	154,618
otal Dairy Feeds	603,550
ther Cattle Feeds	
Calf Feeds	20,837
Steer Feeds	23,238
otal Other Cattle Feeds	44,075
wine Feeds	
Swine Feeds	37,315
Swine Supplements	15,681
otal Swine Feeds	52,996
isc. Livestock Feeds	
Horse & Mule Feeds	17,038
Sheep & Goat	491
Corn & Oats	8,145
Mineral Feeds	14,886
Total Misc. Livestock Feeds	40,560

MIXED FEEDS

Kind	Tons Sold
Dog Foods	
Canned	49,213
Dry	71,004
Total Dog Food	120,217
Other Pet and Wildlife Feed	
Bird Feed Wild & Tame	11,061
Cat Food	5,679
Rabbit Feed	3,566
Mink & Chinchilla Feed	7,550
Other Pet Foods	10,223
Total Dog, Other Pet & Wildlife Feed	158,296
Miscellaneous Mixed Feeds	19,176
Total Mixed Feeds	1,680,442

INDIVIDUAL INGREDIENTS

Alfalfa Products	24,061
Animal Products	
Meat & Bone Scraps & Meals	76,922
Tankage	5,713
Bone Meal	6,311
Animal Fat	18,366
Bakery Products	2,129
Barley	11,653
Beet Pulp	26,954
Brewers Products & Yeast	89,069
Citrus Pulp	4,409
Corn Gluten Feed	92,111
Cottonseed Products	15,724
Distiller's Products	38,250
Hominy Feed	39,772
Linseed Meal	11,997
Marine Products	7,755
Milk Products	4,027
Molasses	213,125
Oats Products	24,236
Peanut Products	3,601
Screenings, Ground	5,898
Soybean Meals	249,717
Vegetable Fat	2,509
Vitamin and Mineral Mixtures	1,815
Wheat Bran	117,538
Wheat Middlings	98,440
Miscellaneous Ingredients	53,310
Total Individual Ingredients	1,245,412
Grand Total	2,925,854

COMPILED BY: Penna. Crop Reporting Service

REPORTED FERTILIZER CONSUMPTION - SECOND HALF 1964

COUNTY	CODE	TOTAL TONS ALL GRADES	TONS OF ACTUAL N	TONS OF ACTUAL A.P.A.	TONS OF ACTUAL K_2O	AMMONIUM NITRATE	20% SUPER PHOSPHATE	60% MURIATE	0-15-30
Adams	01	5924	253	599	593	313	463	3	92
Allegheny	02	3903	318	263	225	7	44	2	22
Armstrong	03	932	59	118	100	12	---	6	7
Beaver	04	1348	84	136	134	---	44	---	---
Bedford	05	3037	135	330	307	---	49	136	65
Berks	06	9607	539	1104	973	37	255	240	57
Blair	07	3135	140	379	362	4	118	141	50
Bradford	08	2174	112	293	292	60	85	---	47
Bucks	09	6731	397	709	674	2	680	---	70
Butler	10	3196	175	373	345	108	182	40	11
Cambria	11	1753	116	241	181	5	43	---	---
Cameron	12	22	2	2	1	---	1	---	---
Carbon	13	616	42	66	64	---	6	---	---
Centre	14	3409	189	465	466	2	46	48	208
Chester	15	9956	613	1169	1080	120	286	374	209
Clarion	16	1470	108	191	190	21	70	---	5
Clearfield	17	687	48	94	84	25	16	3	---
Clinton	18	1709	88	207	225	2	38	14	145
Columbia	19	2761	161	366	338	10	130	2	27
Crawford	20	1543	78	195	192	12	95	18	45
Cumberland	21	6776	385	805	749	10	201	3	91
Dauphin	22	5088	357	620	530	4	119	41	52
Delaware	23	798	73	53	40	---	7	---	---
Elk	24	70	3	7	8	---	7	3	7
Erie	25	1569	86	169	159	7	85	4	2
Fayette	26	986	58	119	103	22	24	40	5
Forest	27	131	8	16	16	---	10	---	---
Franklin	28	8669	460	1027	953	242	249	80	201
Fulton	29	1027	50	127	128	---	20	---	30
Greene	30	227	11	29	20	3	9	26	---
Huntingdon	31	1470	71	205	204	---	47	---	73
Indiana	32	2215	148	319	229	2	17	---	164
Jefferson	33	1468	92	178	163	11	43	10	20
Juniata	34	1661	82	198	196	2	33	10	66
Lackawanna	35	178	13	19	17	4	8	---	---
Lancaster	36	25090	1601	3120	2886	213	480	49	640
Lawrence	37	2230	160	307	295	1	6	66	31
Lebanon	38	5460	321	650	590	2	233	82	61
Lehigh	39	4339	394	473	390	3	169	10	4
Luzerne	40	2125	135	242	226	67	26	---	27
Lycoming	41	3560	193	426	404	112	84	25	83
McKean	42	33	3	3	3	---	2	---	---
Mercer	43	2234	136	288	263	3	18	101	5
Mifflin	44	2732	130	329	323	7	94	41	125
Monroe	45	886	53	95	82	1	7	2	9
Montgomery	46	5626	171	563	553	9	167	13	171
Montour	47	1260	71	139	136	---	26	4	3
Northampton	48	3638	276	588	334	15	320	---	3
Northumberland	49	2772	155	314	301	60	8	2	23
Perry	50	4053	226	553	433	---	142	42	18
Philadelphia	51	1131	78	62	42	---	12	4	---
Pike	52	0	---	---	---	---	---	---	---
Potter	53	1144	76	179	151	---	34	---	3
Schuylkill	54	5180	323	587	543	9	146	91	12
Snyder	55	2159	107	233	221	82	34	3	25
Somerset	56	2819	153	347	355	---	41	40	161
Sullivan	57	287	16	38	39	---	3	---	18
Susquehanna	58	439	17	47	48	5	106	---	6
Tioga	59	921	60	139	120	3	22	---	2
Union	60	2621	112	248	224	14	48	117	---
Venango	61	581	35	64	51	50	21	37	1
Warren	62	304	19	36	35	---	25	---	4
Washington	63	1469	99	163	157	2	54	---	---
Wayne	64	334	16	37	42	39	24	---	22
Westmoreland	65	2991	179	369	350	50	90	4	88
Wyoming	66	780	23	75	75	111	133	---	7
York	67	14814	775	1643	1525	408	157	41	175
TOTALS		200258	11667	23548	21538	2313	6262	2018	3498

CODE	0-20-20	4-12-12	5-10-10	6-12-12	8-16-16	10-10-10	10-20-10	10-20-20	15-10-10
01	325	260	2555	14	176	565	19	120	21
02	25	---	241	2	125	277	41	57	22
03	16	8	378	4	73	86	15	46	---
04	63	---	800	2	61	15	---	8	4
05	287	---	1034	14	145	220	36	110	28
06	696	44	3583	199	250	996	152	240	114
07	508	2	810	23	286	163	17	115	81
08	544	---	489	69	79	283	23	191	1
09	93	434	1264	125	621	750	98	263	156
10	190	3	933	55	323	273	50	182	61
11	67	---	566	27	85	95	438	105	4
12	2	---	2	---	---	---	2	---	---
13	12	---	213	23	11	136	---	32	2
14	262	2	745	50	404	322	74	366	60
15	716	115	2869	412	506	1101	217	408	257
16	24	---	588	2	63	77	4	295	8
17	41	3	212	---	13	23	15	170	---
18	222	10	411	21	222	173	18	34	49
19	307	168	857	86	86	253	77	379	11
20	198	---	481	---	107	58	24	98	19
21	536	18	3142	30	168	681	234	260	137
22	332	66	1381	78	199	355	299	156	659
23	---	7	62	---	---	15	30	---	---
24	8	---	22	---	4	8	---	---	---
25	130	---	457	---	235	106	20	61	3
26	48	---	328	24	87	136	17	63	4
27	24	---	39	---	11	25	1	10	---
28	5	137	2918	42	235	663	254	308	204
29	83	6	540	30	44	63	4	50	8
30	14	---	44	---	17	15	---	10	---
31	234	39	442	7	137	108	63	52	10
32	90	---	631	7	324	196	75	179	45
33	43	3	526	---	94	137	---	162	25
34	163	13	845	4	90	110	18	25	26
35	23	---	33	3	---	13	9	9	---
36	1704	838	7305	645	1112	1850	293	1108	640
37	19	---	688	6	237	120	11	340	56
38	416	33	1579	154	429	518	148	171	213
39	64	14	1556	130	48	595	315	152	110
40	95	3	683	21	296	411	65	48	19
41	297	143	1135	94	208	267	145	58	33
42	2	---	7	---	4	10	---	---	---
43	68	---	797	11	273	73	31	150	49
44	319	18	930	7	92	212	42	64	44
45	58	---	228	4	11	109	61	19	14
46	202	57	874	298	385	459	60	365	174
47	66	52	607	67	15	116	15	45	6
48	227	---	591	37	18	391	45	263	35
49	101	50	1026	73	218	197	45	199	49
50	278	29	1970	80	297	402	22	87	100
51	5	---	20	1	---	11	14	17	---
52	---	---	---	---	---	---	---	---	---
53	279	---	111	9	127	85	184	72	---
54	91	52	2388	121	224	568	303	356	75
55	114	129	933	29	125	115	16	51	---
56	270	5	943	84	196	452	68	110	63
57	56	2	68	46	10	45	4	3	---
58	114	---	42	2	5	106	3	11	---
59	178	---	121	6	52	25	28	124	4
60	155	36	763	62	141	148	32	137	---
61	---	---	108	---	63	82	4	36	21
62	32	---	102	---	24	43	3	23	---
63	74	---	536	24	33	159	6	93	8
64	68	---	13	---	10	120	---	3	---
65	277	---	817	21	116	207	147	272	5
66	154	---	120	---	20	56	3	22	---
67	451	449	7735	146	414	1031	259	280	137
	12565	3248	65237	3531	10484	17480	4716	9243	3874

REPORTED FERTILIZER CONSUMPTION - FIRST HALF 1965

COUNTY	CODE	TOTAL TONS ALL GRADES	TONS OF ACTUAL N	TONS OF ACTUAL A.P.A.	TONS OF ACTUAL K_2O	AMMONIUM NITRATE	20% SUPER PHOSPHATE	60% MURIATE	0-20-20
Adams	01	11823	845	1133	1011	432	466	50	249
Allegheny	02	7106	545	528	432	68	66	1	19
Armstrong	03	2807	216	322	256	28	16	1	29
Beaver	04	1182	84	113	105	---	23	---	40
Bedford	05	5691	374	682	550	16	133	198	298
Berks	06	19885	1482	2163	1820	130	452	246	811
Blair	07	5521	349	621	537	33	215	127	361
Bradford	08	7362	504	840	825	388	437	4	694
Bucks	09	17442	1141	1810	1650	32	125	225	428
Butler	10	7078	495	771	695	26	185	160	182
Cambria	11	4884	363	675	479	10	183	51	65
Cameron	12	39	3	5	5	---	---	---	---
Carbon	13	1227	90	135	113	3	12	---	28
Centre	14	6079	452	786	723	12	190	25	325
Chester	15	16884	1346	1901	1683	136	372	283	594
Clarion	16	3254	234	416	402	24	62	40	168
Clearfield	17	1982	129	253	237	27	82	1	121
Clinton	18	2851	176	324	243	22	24	77	55
Columbia	19	7233	587	923	739	20	161	4	172
Crawford	20	7410	475	931	885	168	168	29	530
Cumberland	21	10129	744	1071	990	32	319	120	382
Dauphin	22	8014	368	532	472	50	389	---	89
Delaware	23	2067	193	156	121	2	33	---	10
Elk	24	261	16	25	24	---	10	---	14
Erie	25	11726	809	1488	1265	551	171	95	646
Fayette	26	2669	140	263	230	30	87	40	96
Forest	27	76	4	9	9	---	8	---	13
Franklin	28	11305	703	1230	1136	80	439	153	957
Fulton	29	1699	108	187	184	25	106	---	54
Greene	30	670	39	88	70	6	27	41	41
Huntingdon	31	2754	189	337	318	9	95	3	110
Indiana	32	626	445	757	687	33	178	41	99
Jefferson	33	3297	221	410	350	26	105	1	115
Juniata	34	3049	209	313	300	23	72	40	101
Lackawanna	35	1755	110	168	146	12	85	---	102
Lancaster	36	40054	2684	4087	3926	322	1137	455	1096
Lawrence	37	3059	201	387	376	9	63	31	21
Lebanon	38	9892	739	1071	889	68	465	153	268
Lehigh	39	13873	958	1451	1058	92	198	90	182
Luzerne	40	4769	332	531	445	8	111	1	122
Lycoming	41	8088	618	982	865	97	105	69	301
McKean	42	793	48	99	90	8	28	---	110
Mercer	43	4379	288	538	477	16	42	108	111
Mifflin	44	5562	412	636	611	56	138	86	396
Monroe	45	1268	101	158	136	1	8	---	20
Montgomery	46	7696	643	754	689	53	93	16	137
Montour	47	1946	143	239	224	1	21	---	50
Northampton	48	11387	706	1236	1027	16	98	---	920
Northumberland	49	5102	363	552	518	39	267	10	51
Perry	50	3555	213	343	347	7	147	40	145
Philadelphia	51	3164	208	193	129	1	3	3	---
Pike	52	43	1	2	1	---	14	---	---
Potter	53	2528	181	364	333	7	63	1	209
Schuylkill	54	7548	499	869	750	59	71	44	80
Snyder	55	4347	244	459	445	45	110	64	153
Somerset	56	10057	669	1193	1110	6	250	123	460
Sullivan	57	715	47	86	81	20	33	---	74
Susquehanna	58	2754	117	218	203	259	329	25	216
Tioga	59	4013	271	512	500	98	196	3	352
Union	60	4780	303	530	436	28	61	197	206
Venango	61	1482	111	205	179	35	7	25	43
Warren	62	855	55	113	103	14	27	2	132
Washington	63	2170	126	222	208	27	169	4	126
Wayne	64	1423	60	139	138	154	35	25	147
Westmoreland	65	3543	202	367	331	46	154	4	172
Wyoming	66	4708	305	528	511	13	249	14	439
York	67	20078	1384	2096	2061	357	683	268	328
TOTALS		393468	27420	43526	38889	4416	10871	3917	15065

CODE	5-10-5	5-10-10	6-12-12	8-16-16	10-10-10	10-20-10	10-20-20	15-10-10	16-8-8
01	72	2637	152	465	2598	252	251	713	267
02	374	760	15	282	408	102	105	189	15
03	59	827	15	139	391	64	92	244	61
04	29	396	12	60	135	9	28	8	8
05	53	1683	17	346	732	193	230	386	102
06	262	3922	255	551	3351	476	661	624	759
07	200	1104	89	268	643	210	270	233	180
08	56	1624	89	180	1161	113	846	5	569
09	392	2025	684	3	1265	265	489	575	1325
10	67	1853	108	703	1008	104	330	364	63
11	134	1115	4	209	298	1674	390	57	32
12	---	21	---	3	4	---	3	---	---
13	132	387	8	19	174	48	57	8	61
14	46	1114	31	609	831	198	432	510	114
15	213	3342	704	649	2765	468	637	1390	1392
16	19	1009	38	198	329	23	361	219	43
17	18	629	---	156	261	96	203	54	12
18	26	625	40	248	257	64	31	111	79
19	35	1551	167	309	866	196	473	459	241
20	2	2061	105	727	1044	150	882	35	205
21	34	3127	68	214	2283	241	278	714	111
22	131	1612	121	151	408	279	267	397	184
23	273	152	---	16	74	6	45	53	44
24	13	115	1	17	21	---	1	---	---
25	123	2359	44	1602	1907	794	1057	---	210
26	68	629	17	160	327	88	62	141	6
27	---	27	---	8	9	---	2	---	---
28	92	2919	70	275	1940	323	365	285	457
29	14	817	10	116	246	12	102	68	8
30	5	193	3	50	42	12	34	24	3
31	46	954	24	168	390	58	159	164	62
32	27	1446	13	443	747	378	628	508	40
33	8	828	6	257	488	54	184	208	26
34	7	1420	9	115	353	46	44	205	213
35	242	134	126	63	286	3	34	---	36
36	391	9703	743	1046	6078	1047	648	2340	1588
37	20	756	42	333	261	42	436	98	3
38	69	1843	357	413	1377	454	213	1032	359
39	430	2376	212	128	1655	1487	346	120	967
40	412	1040	79	148	850	208	182	61	174
41	63	2060	507	525	1425	168	269	99	527
42	46	162	---	96	149	12	21	8	14
43	3	1174	5	509	482	113	410	96	67
44	18	1580	11	237	727	73	244	296	359
45	1	290	29	13	250	156	202	36	6
46	449	800	360	312	686	116	309	648	438
47	3	543	157	135	374	50	130	48	79
48	168	1017	120	20	1754	273	639	415	593
49	40	1391	554	227	537	105	238	421	209
50	15	1517	12	146	508	40	50	176	83
51	829	66	---	---	26	---	---	---	31
52	---	---	---	---	---	---	---	---	---
53	4	432	185	772	191	91	196	---	121
54	58	2657	359	205	881	482	451	123	143
55	27	1576	87	359	400	28	179	37	55
56	21	3564	49	539	1763	384	446	583	77
57	---	169	39	41	159	11	40	---	---
58	---	285	21	45	519	3	151	---	102
59	9	1160	43	540	331	57	519	8	123
60	14	1309	203	276	477	43	315	108	281
61	16	363	20	143	127	113	176	40	30
62	17	164	---	82	191	33	59	---	5
63	69	615	74	32	266	22	125	79	6
64	21	86	---	51	561	8	79	---	67
65	92	975	25	191	320	136	192	82	9
66	31	1283	26	124	1168	21	384	---	278
67	350	6798	600	558	3590	733	598	1184	479
	6958	93171	7964	18025	56125	13508	18280	17089	14201

REPORTED FERTILIZER COMSUMPTION

July 1, 1964 through December 31, 1964

		Tons
Nitrogen Materials		
Ammonium Nitrate		2,314
Ammonium Phosphate		1,023
Ammonium Sulfate		668
Anhydrous Ammonia		308
Animal Manures		267
Blood and Meat Meal		14
Nitrate of Soda		164
Nitrogen Solutions		2,209
Tankage and Sludge		2,440
Tobacco Stems		40
Urea Compounds		1,875
	Total	11,322
Phosphate Materials		
Bone Meal		201
High Analysis Phosphate		962
Phosphate Rock		1,989
Superphosphate		6,427
Triple Superphosphate		398
	Total	9,977
Potash Materials		
Muriate of Potash		2,031
Sulfate of Potash		20
Sulfate of Potash/Magnesia		23
	Total	2,074
Secondary Nutrients		
Aluminum Sulfate, Borax, Copper, etc.		44
	Total	44
Miscellaneous		286
	Total	23,703

Materials	23,703
Popular Grades (37)	171,100
Other Grades (182)	5,452
Grand Total	200,255 Tons

POPULAR GRADES

Second Half of 1964

Grade	Tons (over 250 tons)
0-10-30	575
0-15-30	3,497
0-20-20	13,230
0-25-25	2,194
2-12-12	1,461
3-12-6	2,881
3-12-12	2,105
4-8-12	424
4-12-4	384
4-12-12	3,247
5-5-0	361
5-10-5	2,243
5-10-10	64,837
5-15-5	911
5-20-10	2,463
5-20-20	2,352
6-10-4	278
6-12-6	378
6-12-12	3,530
6-18-18	1,213
6-24-24	417
8-16-16	10,428
8-24-8	2,603
10-5-5	623
10-6-4	3,121
10-10-10	17,478
10-20-10	4,714
10-20-20	9,140
12-12-12	948
13-34-10	876
14-7-7	367
15-10-10	3,875
15-15-15	756
16-8-8	2,819
16-16-16	1,573
20-10-10	1,016
23-7-7	1,782
Total	171,100

REPORTED FERTILIZER CONSUMPTION

January 1, 1965 through June 30, 1965

		Tons
Nitrogen Materials		
Ammonium Nitrate		4,417
Ammonium Phosphate		1,296
Ammonium Sulfate		8,602
Anhydrous Ammonia		1,858
Animal Manures		1,865
Blood and Meat Meal		47
Nitrate of Soda		925
Nitrogen Solutions		7,809
Tankage and Sludge		2,283
Tobacco Stems		51
Urea Compounds		6,469
	Total	35,622
Phosphate Materials		
Bone Meal		718
Di-Ammonium Phosphate		1,798
High Analysis Phosphate		1,531
Phosphate Rock		660
Superphosphate		10,913
Triple Superphosphate		2,304
	Total	17,924
Potash Materials		
Muriate of Potash		4,317
Nitrate of Potash		127
Sulfate of Potash		369
Sulfate of Potash/Magnesia		384
	Total	5,197
Secondary Nutrients		
Aluminum Sulfate, Borax, Copper, etc.		49
	Total	49
Miscellaneous		900
	Total	59,692

Materials	59,692
Popular Grades (37)	320,872
Other Grades (306)	17,906
Grand Total	398,470

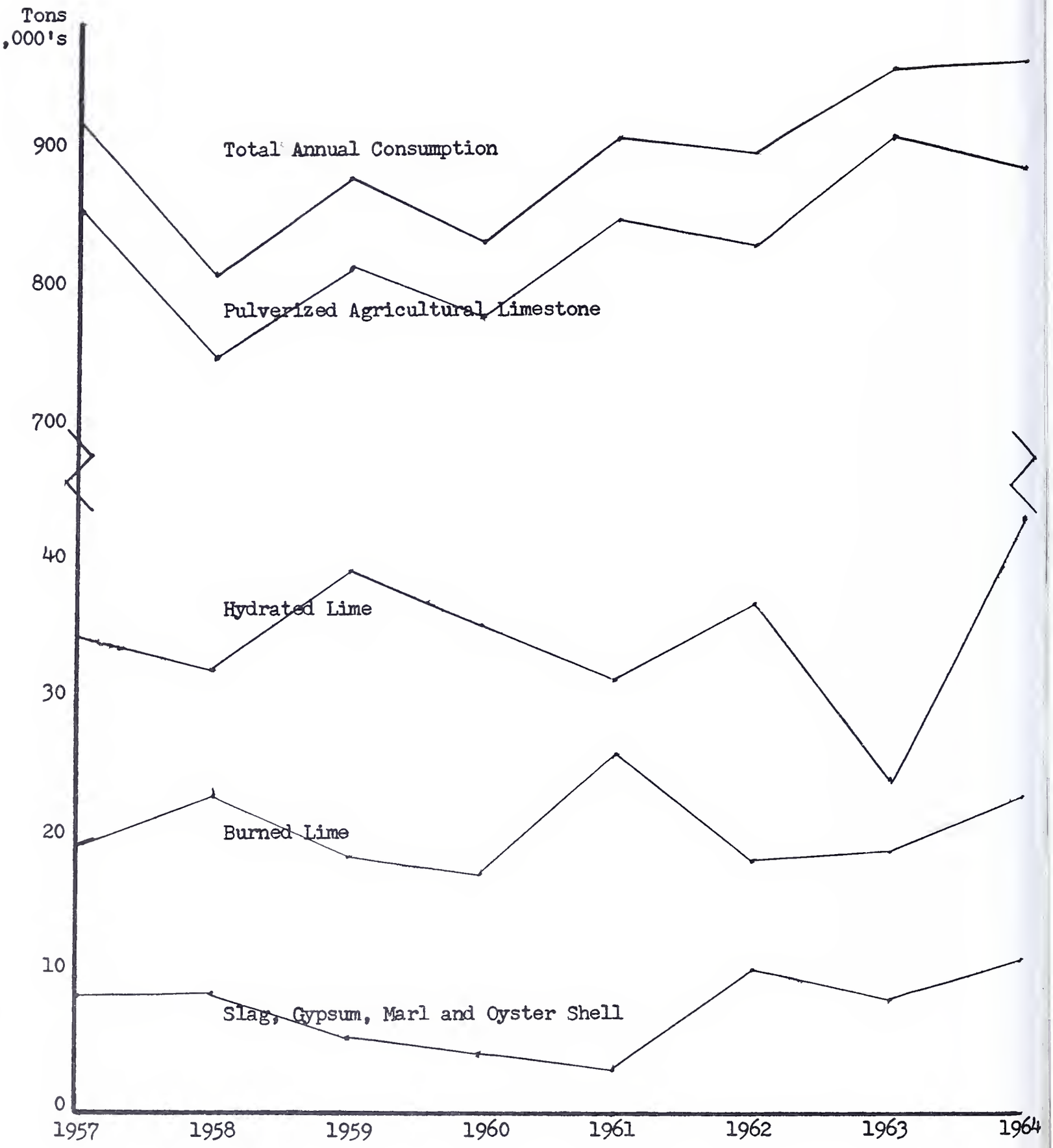
POPULAR GRADES

First Half of 1965

Grade	Tons (over 700 tons)
0-10-10	915
0-15-30	3,828
0-20-20	15,055
0-25-25	3,002
2-1-2	1,300
3-12-6	2,090
3-12-12	738
4-8-12	3,259
4-12-12	2,097
5-10-5	6,958
5-10-10	93,166
5-15-5	1,767
5-20-10	1,925
5-20-20	4,738
6-10-4	1,190
6-12-6	1,213
6-12-12	7,919
6-18-6	961
8-8-8	832
8-16-16	18,687
8-24-8	6,768
8-32-16	1,079
9-9-9	752
10-5-5	1,624
10-6-4	5,009
10-10-10	56,125
10-20-10	13,473
10-20-20	18,277
12-12-12	3,310
14-7-7	2,730
15-10-10	17,090
15-15-15	2,136
16-8-8	14,245
20-10-5	1,670
20-10-10	2,863
23-7-7	1,370
30-20-0	711
Total	320,872

LIMING MATERIALS CONSUMPTION

1957 - - - 1964



REPORTED LIMING MATERIALS CONSUMPTION

	Last Half of 1964	First Half of 1965
Agricultural Limestone	556,790	403,423
Hydrated Lime	14,299	22,911
Burned Lime	21,660	10,307
Marl	3,700	---
Miscellaneous	3,872	2,922

* Totals combined to avoid disclosure of individual operations.

FEED AND FERTILIZER FUND

Financial Summary
(accrued basis)

July 1, 1964 to June 30, 1965

Balance July 1, 1964		$133,221.02
	RECEIPTS	
Fertilizer Registration Fees	$26,020.00	
Fertilizer Inspection Fees	9,023.03	
Feed Registration Fees	45,345.00	
Pesticide Registration	16,801.00	
Feed Inspection Fees	33,617.13	
Agriculture Lime Act Fees	190.00	
Agriculture Lime Act Control Fees	11,075.84	
Fines and Penalties	575.00	
Interest on Deposits	1,764.53	
Miscellaneous	22.95	
Total Receipts		144,434.48
Add: Lapse (Prior fiscal commitments)		1,872.00
Total Funds Available		279,527.50
	DISBURSEMENTS AND COMMITMENTS	
Salaries	$109,071.36	
Wages	753.38	
Professional and Special Service	2,860.79	
Printing	2,116.84	
Postage and Freight	1,719.40	
Communications	984.21	
Travel	5,833.51	
Utilities and Fuel	119.02	
Membership Dues and Subscriptions	267.00	
Insurance	538.06	
Motor Equipment Supplies	3,274.24	
Contracted Repairs	364.76	
Contracted Maintenance	111.87	
Rent of Real Estate	13,631.94	
Laboratory Supplies	8,936.04	
Housekeeping Supplies	18.95	
Office Supplies	72.15	
Educational Supplies	100.00	
Motor Vehicles	4,439.68	
Equipment and Machinery	12,027.71	
Furniture and Furnishings	1,103.46	
Auditor General Audit Costs	1,031.10	
Social Security Payment	18,251.00	
Total Disbursements and Commitments		187,626.47
Balance June 30, 1965		$ 91,901.03